



CONSOLIDATING Dod HOUSING AND ALLOWANCE DATA COLLECTION

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Executive Summary

CONSOLIDATING DoD HOUSING AND ALLOWANCE DATA COLLECTION

The Department of Defense collects an enormous amount of data on housing for its Service personnel, and the complex and dynamic system of data collection often leads to overlapping effort. We reviewed the Services' data collection processes to see whether they could be consolidated into a single uniform effort.

Data on Service members' housing costs are collected for four primary purposes: to determine the eligibility for basic allowance for quarters payments; to determine the eligibility for, and amount of, variable housing allowances or overseas housing allowance payments; to determine housing deficits at military installations; and to calculate variable housing allowance ceilings for an installation.

We identified 14 different data collection forms now being used by DoD and the Military Services. The information on those forms is required for the four major purposes and clearly overlaps. It is collected from Service members several times; in fact, the military spends more than 2 million manhours annually on filling out and processing forms — just for housing and housing allowances.

We found that much of the data collected are redundant, some are unnecessary, and some are readily available from other sources. Collecting the same data using different methods and agents can result in inconsistent and erroneous analyses. The Finance Office should be the primary sponsor of the form and the data. DoD could realize additional savings by integrating the data collection process into a single automated system.

We recommend that the Office of the Assistant Secretary of Defense (Force Management and Personnel) [OASD(FM&P)] and the Office of the Deputy Assistant Secretary of Defense (Installations) [ODASD(I)] continue with their joint initiative to

consolidate the data forms for allowance and housing transactions and community housing information. We recommend that OASD(FM&P):

- Develop a two-part form, with Part I requesting the data required by the Joint Uniform Military Pay System and Part II requesting the remaining data elements needed for calculations not involving payments to Service members.
- Prescribe a process whereby the data are consolidated for using agencies.
- Continue with the present system for a year while implementing the new form.

We recommend that ODASD(I) investigate the potential for management or service improvements at installation housing offices if raw data on Service member housing in the community were provided in automated form. This recommendation would improve housing management by facilitating the housing referral process, reducing staff time associated with data collection, and ensuring that responses to housing questions are both timely and accurate.

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CHAPTER 1

CURRENT PROCESS

BACKGROUND

Government-owned housing, Government-controlled housing, and private housing in communities near military installations are the sources of living quarters for military families. Enough Government housing is rarely available for all the military families that need it, so the Government provides Service personnel with a basic allowance for quarters (BAQ) to help offset the cost of renting or buying from private sources. Because rent varies at different military locations, the Government also provides a variable housing allowance (VHA) to alleviate location differentials. [Outside the United States, this rent support is called the overseas housing allowance (OHA).] Under current DoD policy, local communities are the preferred choice for military housing. Only when housing is not available in the private sector will the DoD consider building or leasing housing for military families.

A vast quantity of detailed information is required to support the decisions that set allowance levels, that determine the actual allowances paid to a family, or that justify building or leasing additional Government housing units. Housing data are part of a complex and dynamic data collection process, and significant modifications are now being made to that process.

The DoD has begun a consolidation of the entire Military Service finance process (through which housing allowances are paid). The Army and Air Force are currently testing a combined finance system, and the Military Services are studying the structures of their housing procedures. At the same time, the Office of the Secretary of Defense Per Diem, Travel and Transportation Allowances Committee — referred to as the Per Diem Committee — is revising the VHA calculation process, and that revision will require more frequent data collection. As the result of these concurrent activities, DoD became aware that the data collection processes often overlap and tasked us to determine whether they could be consolidated to save time and reduce paperwork.

PURPOSE OF HOUSING DATA COLLECTION

Data are collected on Service member (SM) housing for four primary purposes: to determine eligibility for BAQ payments; to determine eligibility for, and amount of, VHA or OHA payments; to determine installation housing deficits; and to calculate the appropriate VHA ceilings for an installation. These housing cost scenarios are presented in Appendix A.

Personnel, Finance, and Housing are the three major staff agencies that participate in the housing data collection process. (Throughout this report, when we refer to any of those three functions, we use lower case, as in "a personnel issue"; where we refer to an agency or office, we use initial capitals, as in "a Finance Office.") In addition, the OSD Per Diem Committee, which is responsible for determining housing allowance rates, also participates in the processes. The activities of these agencies are described in detail in Appendix A.

CUSTOMER SERVICE ACTION FLOW

In each Service, the actual flow of data collection activities differs slightly because of different organizational relationships among the units to which the SMs are assigned and the personnel, finance, and housing functions. However, the general processes and procedures are similar enough that one scenario can be used for all Services.

The SM and the major participants interact at a number of data collection points. When the SM first arrives at an installation, data collection activity is heavy; during the tour of duty, it is intermittent; and prior to departing for the next assignment, information is collected to close out the SM record. In addition, all participants generate their own actions for internal policy setting, auditing, or file maintenance, and the SM must contribute to them.

DoD ADMINISTRATIVE ACTION FLOW

In the process of performing their regular customer service functions, Personnel, Finance, and Housing Offices at each installation participate in largescale data collection. In this study, we examine their roles in the housing surveys used to determine where housing acquisition funds might best be applied, and in the VHA/OHA surveys used to establish the maximum housing allowance rates for each installation.

DATA COLLECTION FORMS USED

More than a dozen different forms are used to collect all these housing data, and many of those forms are quite similar. The data overlap among the forms is illustrated in the tabulation in Appendix B. The forms themselves are presented in Appendix C.

Department of Defense Forms

Data collection forms used by more than one Service carry a DoD identifier (e.g., DD 114, Military Pay Order). As the Service finance systems merge, more of the forms used in the housing/finance interface will become DoD forms. At present, however, the following housing forms are used:

- Variable Housing Allowance Data Collection Form. This VHA survey form has never been assigned a form number, presumably because it changes slightly from year to year even though it is validated with the survey's report control symbol number. It is the mark-sense form on which the Per Diem Committee's VHA survey is to be completed. Printed in two colors on 11- by 17-inch paper, it arrives folded to allow for a cover letter from the Deputy Assistant Secretary of Defense (Manpower Policy and Programs) and has three sides for mark-sense responses. The Census of SMs drawing BAQ is conducted annually.
- VHA Verification Survey. After the initial VHA survey has been made, 1 percent of the respondents who are renters are selected for a verification survey by the Defense Manpower Data Center (DMDC). This is a single-sheet form printed for mark-sensing.
- DD 376, Housing Cost Data Sheet Personal Uniformed Services Personnel.
 This form is the OHA equivalent of the VHA survey form; however, it is not
 machine-readable. It is filled out annually by all overseas BAQ recipients.
 The Per Diem Committee is uncomfortable with the low response rate and is
 moving away from the use of this form in favor of a census along the lines of
 the VHA process.
- DD 2367, Individual OHA Report. Data collected on this form are used by overseas Finance Offices to establish the OHA and recertify it annually. Currently, the Per Diem Committee uses the data collected on the

¹Forms that require a "mark" (usually a dot) that is machine-readable (i.e., that a machine can "sense") are known as "mark-sense" forms.

DD 2367 form annually to establish the rent ceiling component of the OHA, through data extracts from the Joint Uniform Military Pay System (JUMPS) provided by the Services.

- DD 1376, Family Housing Questionnaire. This survey form is used to help determine the military housing deficit. It is administered through the installation Housing Office and records data on costs, location, size, and condition of private housing occupied by SMs. Its principal virtues are its clarity and the ease with which it can be completed. The survey form is distributed annually to selected installations (except those of the Army) when current deficit information is needed.
- DD 1746, Application for Assignment to Housing. This form is used by an installation Housing Office to record an incoming SM's rank and number of dependents; housing preferences in terms of size, cost, and location; and the eventual settling into Government or private quarters. (In the Air Force, this information would have been submitted from the previous duty station.)
- DD 1670, Notification of Housing Selection. This form (still in use only by the Army) is a postcard and is intended to capture information for the Housing Office about the SM's private residence. With the exception of discrimination complaints, the information is supposed to be recorded on the DD 1746 when the SM is transferred from the installation. In practice, although SMs seldom return the cards, they never return to the Housing Office to complete the DD 1746; thus, the DD 1670 is used because it, at least, provides some data, however minimal.
- DD 114, Military Pay Order. This simple form (essentially a blank page with header fields) is used by installations for many purposes; within the intent of this study, it is used by a Finance Office to cause a change in pay for an SM in a different Service. Thus, a Navy SM assigned to an Air Force installation would have most financial transactions entered on a DD 114 that would then go to the Navy Finance Center for execution. Each Service depends entirely on the desk clerk of the other Service to verify the source documents and on the SM's honesty to fill out the form truthfully.

Army Forms

The Army uses the following forms, which may become obsolete in the next year when the Army finance process is absorbed into the Air Force system.

- DA 5545, VHA Certification. This form is used to collect the data needed to compute the correct VHA offset after the 60-day arrival period and after annual recertification.
- DA 0-1, Housing Allowance Document and Certificate. This draft form was developed by the Army in its first attempt to consolidate the housing and

finance information collection process. Although it has been superseded in the merger with the Air Force finance system, the form has some value as a clear layout of most of the information required for housing allowance purposes.

Air Force Forms

- AF 594 (September 1984), Authorization to Start, Stop or Change BAQ, Rent Plus, and/or VHA. The long title of this form indicates its wide range of uses. It is also used as a supplement to the DD 2367 in collecting information on SM dependents and SM certifications and recording assignments to Government quarters. The Air Force has managed to combine a great deal of information onto a single, well-laid-out form. It is, however, slated for replacement by the AF 3502 and the new AF 594 discussed below.
- AF 3502, Authorization to Start, Stop or Change Variable Housing Allowance. This form is used for the payment of VHA. It replaces the old AF 594 in separating VHA from BAQ issues.
- AF 594 (new and undated), Application and Authorization to Start, Stop, or Change Basic Allowance for Quarters (BAQ) or Dependency Redetermination. This form replaces the older AF 594 in dealing with BAQ issues; VHA data is collected on the new AF 3502. These forms highlight the entire point of our study: each new form requires about as much information as the old single form required!
- AF 987 (undated). This form is, at the time of writing, replacing the AF 987 card. This card provided space for the SM to record changes to rent or dependents, reaccount for rent sharers (rent cost-shared with others), and boxes to indicate no change from the previous BAQ/VHA report. It has been revised to collect the information required for the payment of OHA. Although the form is considerably longer, the real difference is in the use of the entire reverse side of the form for instructions, Housing and Finance Office certifications, and worksheets.

Navy Form

• VHA Certificate. This form is based on the standard layout required by JUMPS documentation; the form number is assigned locally by installation finance activities, even though all use the same form. The top part is identical to the Army's DA 5545 form; the bottom part provides a worksheet space where the VHA offset can be computed properly. It is used for initial assessment of VHA and annual recertification.

U.S. Marine Corps Form

• Form 7200, Variable Housing Allowance Application. The first page of this form contains instructions for completing the form and a worksheet for determining the identity and number of residence sharers. The second page is similar to other forms with the top part following the JUMPS layout, while the lower part is devoted to SM and reviewer certifications.

CHAPTER 2

CONSOLIDATION ALTERNATIVES

The consolidation of data collection forms and processes depends entirely on how and by whom each form is to be used. After reviewing the data required by each of the major functions to be supported by joint housing/finance data collection, we were able to develop three major alternatives to the way in which data are now collected (see Alternatives Considered).

PORTRAYAL OF THE PROBLEM

As described in Chapter 1, four major agencies (Personnel, Finance, and Housing Offices at each installation, and the OSD Per Diem Committee) and the individual SM are continuously involved in providing and collecting data. In addition, the military staff chains of command, unit chains of command, DMDC, and the Navy's Facilities Support Office (FACSO) become intensively involved from time to time. All of these participants contribute to four major processes: allowance processing, allowance certification, allowance ceiling determination, and housing deficit projection.

The current housing data collection problem has two facets: the same data are required by more than one activity, and extra time is required to process the same transactions more than once. In Appendix A, we show how data elements overlap from one form to another. In this chapter, we distill those data elements into the data needed to make the necessary decisions. We conclude that much of the data are needed to accomplish several functions simultaneously. That does not mean the data must be collected and maintained separately. Collecting the same data more than once invites error and results in inconsistent data and misleading analyses. We must identify the agent responsible for collecting a data element and depend on that agent to collect it accurately.

In addition to risking the introduction of errors, multiple collections of the same data waste time, manpower, and resources without adding value to the process. The remaining sections of this chapter describe the housing data used by each of the key organizations, the structure and rationale for data collection consolidation

alternatives, and the data elements considered necessary for each housing function. In Appendix D, we show how consolidating data collection and processing can reduce time and costs, particularly for the SM and the appropriate chain of command.

STRUCTURING THE ALTERNATIVES

In developing alternatives, we tried to devise data collection systems that reduced the overall burden on all staff sections but particularly on the unit chain of commond and the SM. In addition, we wanted to maximize the response rate and accuracy of the data. Finally, we wanted to ensure that data were collected and transferred electronically to the maximum extent in line with our desire to minimize the amount of manpower required.

The burden can be reduced in three ways: by reducing the total volume of data collected, by reducing the number of forms to be filled out, or by reducing the number of offices initiating forms.

Reduction of Data Volume

All data-collection alternatives maximize the amount of information while minimizing the number of questions and collect only data elements needed for the stated purpose. Thus, where there were two ways to ask a question, we selected the most specific; where a question was sometimes asked and sometimes not, we removed it; and where information seemed to be readily available from other sources, we omitted it.

Reduction of Forms

Although the procurement community states that the cost of setting up and distributing forms is more a function of the volume of forms than the number of types, we concluded that standardizing information onto DoD forms is preferable to using separate forms for each Service. Using DoD forms reduces learning time as civilian employees move from one Service to another and reduces confusion as Service and DoD staffs talk to each other.

Reducing the number of forms that must be processed to take care of each SM's housing needs provides immediate cost savings. Further, since all housing functions can be captured on fewer forms, SM and staff time are saved.

The ultimate number of forms depends on the quantity and distribution of data to be collected. Appendix C shows the forms currently in use; clearly, the more data required by a form, the less attractive it is and the less likely it is to be completed. In addition, the Per Diem Committee's mark-sense forms, while appealing, provide very little data. An attempt to consolidate all the required data onto a single form would create a very long instrument, again generating errors as a result of resistance to filling it out. As an alternative, we should consider a main form with auxiliary forms to handle special or completely isolated data.

A far-reaching solution would be the elimination of forms altogether, entering all the data on computer terminals instead. Because DoD has difficulties in acquiring certain types of computer equipment, this option is presented merely for future consideration.

Reduction of Initiating Offices

Each participant in the military housing process has a legitimate role in data collection. That does not mean that each needs to have its own parallel process. As noted before, sound data management dictates that only one agent be responsible for each data element. We can reduce data collection redundancy in one of three ways.

First, we can collect the data as part of a distributed data system in which it could be retrieved or updated as needed. Second, data could be collected and verified by various offices just as at present but using only one form per SM. Thus, once a data element has been collected on the form and verified by the appropriate agency, the SM with the form would move to the next office to provide the information required there. Once the form is completed, copies would be distributed to all interested parties. Third, all data could be collected through one office. That office would be the one that needs the most elements, the one that has the best collection capability, or the one through which the best response rate and accuracy could be expected. In this alternative, the best solution would be for data to be collected through the Finance Offices. Most of the necessary data elements already appear in the JUMPS database, which provides the most comprehensive collection capability. Because Finance deals in real money transactions, they must maintain an audit trail,

part of which is on-site verification of all data regardless of the authentication by other staff sections. Finally, if all the data collection activities could be consolidated, then a single document would contain housing surveys and allowance applications. SMs will have to complete the surveys in order to get paid. This would provide a powerful incentive to maintain a complete data file. Such a motivational tool is not available to the Personnel and Housing Offices.

ALTERNATIVES CONSIDERED

To solve the data collection problems, we developed three data collection and distribution concepts as alternatives to the current procedure. The current process and alternatives are depicted in Figure 2-1.

Parallel Independent Systems

In the existing process [see Figure 2-1 (a)], each of the three offices and the Per Diem Committee collects its information independently of the others. As we have already shown, this procedure creates a significant work overlap and places a large and unnecessary burden on the SM, who is the single data source. Automation would only make each system more efficient internally since the systems are not designed to transfer data in or out. The advantages to the offices involved are that data are collected in precisely the desired form and at the desired time. This assumes, however, that the SM would provide accurate and timely data in response to the many overlapping requests.

Distributed Data System

A distributed data system [see Figure 2-1 (b)] is the most modern approach to data management. The data are collected at the point of generation and go into a national or local data system; if not specifically shared, that system can at least be accessed by other installation-level systems. Such a system could prompt the SM to fill out the forms by providing all the needed data at a data entry terminal; the desk clerk could inspect key items or could solicit the information from the SM and enter it. The data could be shared by all interested parties while allowing it to be collected at the most appropriate point. Although some Services are structured to implement such a change easily, it could require significant hardware adjustments in other Services. We present this approach here for reference and possible long-term consideration but do not pursue it further in this study.

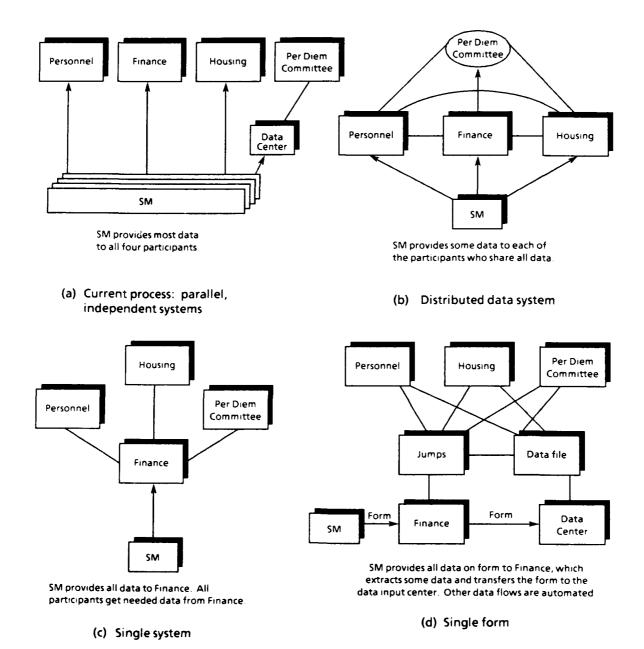


FIG. 2-1. CURRENT AND ALTERNATIVE DATA COLLECTION PROCESSES (Lines without arrowheads represent electronic data flows)

Single System

A single system for collecting the data and assembling it into data files would reduce the number of SM visits and provide a single coherent database, which could provide extracts to interested parties as a matter of routine [see Figure 2-1 (c)]. To a large degree, this role is currently played by the JUMPS. A single system should be housed where the data are controlled best or needed most, and that place would clearly be the finance channel. Because all entries must be substantiated by supporting documentation, the SM must go to the Finance Office whether the data has been recorded or not. In addition, the SM must provide data to the Finance Office to get paid, a powerful incentive few can resist. Quality control is exercised by visual inspection of SM documents, just as at present.

As it happens, the existing JUMPS contains most of the required information. We envision a need to add only a few data elements: adding these elements would cause an incremental increase in the Finance clerk's input load. (The effect of that load is assessed in Chapter 3 and Appendix D.) Again, the clerk's workload could be reduced if a terminal input process were used by the SM.

Single Form

The third alternative we considered is a continuation of the use of parallel independent data systems, in order not to overload JUMPS with nonpay data, and a reduction in the amount of paperwork required by adopting one standard form that covers all needed actions [see Figure 2-1 (d)].

Using this approach, finance transactions would continue essentially as at present. However, only one form would be used when an SM applies for an allowance. That form would also include the necessary housing-related data. It would be divided into a finance section and a housing section. The Finance Office would process its part of the data into the JUMPS files; the second part of the form would be forwarded from the Finance Office to a designated collection agency where it could be processed into a master file. With such a process, rates and other information could be computed as required, rather than being tied to a survey.

The necessary parts of this alternative are in place now. FACSO now receives all the housing surveys from installation Housing Offices directly and has the manpower and systems in place to key them into a computer system. The Per Diem

Committee's contractor can accept machine-readable forms and convert them into computer files with a very low incidence of error. The risk with the single-form alternative is that no significant quality control is imposed over the non-pay section of the form if the Finance Office abandons it. However, the current methods of collecting data are equally risky, and statistical analysis of the data collected should permit the rejection of spurious data.

Some of the agencies we contacted during this study have suggested an even more streamlined approach whereby an entire mark-sense form would be completed by the SM, certified, and transferred through the Finance office to a data processing center. There, the forms would be scanned and converted to a complete data tape for access by all using agencies including Finance. In our discussions with the Finance community we were impressed with their insistence on a controlled data system and we do not believe that they would accept data from a third party as a pay directive; therefore, we did not pursue this variation further. However, the concept is presented for reference as another approach that OSD may consider.

DATA ELEMENTS REQUIRED

For each alternative, we structured the data entry so that each data element must be collected only once. To do that, we identified 30 data elements required for all processes. The data elements we selected for the consolidated form are described in Table 2-1. The specific format of the questions must be determined by the capabilities of the alternative selected.

We have identified all of the data elements required to calculate the allowances and housing deficits; in some cases, however, data may be required by law even though it may not be needed for any calculation. Clearly in those cases, the data must continue to be collected.

The OHA process poses a challenge because of unique data handling. For instance, initial and terminal expenses are accounted for. Because of the wide variations of housing conditions, we believe that those expenses should be collected separately on a Move-In Housing Allowance (MIHA) form by each overseas station. In addition, OHA requires the separate collection of purchase prices in order to calculate an imputed rent for overseas homeowners. While accepting the OHA rental-equivalency formula, we would expect that formula to be applied at the Finance Office where the data are reviewed for correctness, thus again, allowing the

TABLE 2-1
FINAL DATA ELEMENTS

Data element	Content (if not self-evident)		
Sponsor Data			
Service	Code to indicate one of seven Services (Army, Navy, Air Force, USMC, USCG, NOAA, USPHS)		
Component	Active, Reserve or National Guard		
Name	Fill in blank (not for machine reading)		
Pay grade	Code to indicate officer, warrant, enlisted, or civilian; pay grade from 1 – 18 or highest GS or GM scale number desired		
SSN	Social Security Number		
Duty zip code			
BAQ type	Code to indicate with or without dependents at full or partial rate		
Sponsor Residence			
Residence zip code			
Residence city/country	Code as needed by Per Diem Committee, OHA Branch		
Household Data			
Dependents reside with SM?	Yes/No		
Claim basis (# locations)	Code to indicate single- or multiple-location BAQ/VHA		
Dependent address	City/country or zip code, if not located with SM		
Dependent child DOB	List of children by DOB and gender		
Dependent gender	List of children by DOB and gender		
Other dependents' COLA?	Yes/no or number as required by JUMPS		
Sharers	Number with worksheet as found on current forms		
Share SM SSN	Social Security Number of SM rent sharer		
House Data			
In Government house, type?	Code for family housing, transient quarters, bachelor housing		
Government quarters number	code for raining housing, transfer equations, bacheror housing		
House type	Code for single-family, etc., as done on current forms		
Bedrooms	Number of bedrooms		
Baths	Number of full and half bathrooms		
Acceptable?	Code boxes, accommodate multiple reasons and overrides		
Rent/own/no fee	Code for rent, own, or occupy at no cost		
Commute time			
Commute time	Minutes		
Cost Data			
Currency	Code for currency type if not U.S. (will be same for all SMs at any given overseas installation)		
Total allowable expenses	Monthly total of allowable costs		
Utilities	Monthly average total utility payment		
Initial expenses			
Terminal expenses			
Control Data			
Reviewer			
Finance action	Code for start, stop, change		
Effective date	_		

single data element, Total allowable expenses, to be collected rather than burden the system with an extra data element.

Finally, the OHA allows for multiple residences. For Finance Office purposes, the data are combined to calculate a single payment, while the residences can form two valid data points (one overseas, one in CONUS) for the Per Diem Committee.

In Table 2-2, we indicate the processes to which each data element contributes. Those data elements being collected on current forms as a by-product of the routing but not required for any housing action are designated with the code "U." Likewise, data elements not currently available because of form structure are identified with "S"; those needed and used today are marked "X." In establishing a new data collection process, those "S" elements would be captured on the common data collection form. No element was included on our final list if it was not a requirement for at least one process. There are two new data elements. One is labeled "total allowable expenses," which summarizes several previous data elements. The second is "component", an element specifically requested by OASD(FM&P). A comparison between the data elements we have identified and those on existing forms is made in Appendix B. In Table 2-3, we list the elements that we omitted and explain why they were discarded.

TABLE 2-2
PROPOSED DATA AND USERS

		Users			
Data element	Data on forms	Housing Office actions	Finance Office actions	Per Diem Committee	Housing deficit
Sponsor Data					
Service	x			, x	
Component	×		x	1	
Mame	U	U	U		U
Pay grade	×	×	×	×	×
SSN	x	U	×	U	U
Duty zip code	×	S	×	×	S
BAQ type	×		×	U	
Sponsor Residence				İ	
Residence zip code	×	×	×	x	×
Residence city/country	×	×	×	×	×
Household Data		ļ	ŀ	}	
Dependents reside with SM?	×			×	
Claim basis (# locations)	×		×		
Dependent address	×		×	s	
Dependent child DOB	×	×	υ		×
Dependent gender	×	×	1		×
Other dependents' COLA?	×		x		
Sharers	×		x	X	S
Share SM SSN	×) ×		
House Data			}		
In Government house, type?	×	×	x	U	S
Government quarters number	×	x	u		
House type	×			×	×
Bedrooms	×	×		×	×
Baths	×	×	1	×	
Acceptable?	×	×		S	×
Rent/own/no fee	×	x	U	x	×
Commute time	×	s		1	×
Cost Data					1
Currency	×	1	X) x	
Total allowable expenses	×	×	×	s	×
Utilities	×	s	U	×	l
Control Data		Į	ļ		l
Reviewer	×	1	×	×	1
Finance action	×	×	×		
Effective date	×	×	x		
Total elements	31	19	23	20	16

Note: X = needed, used today, U = not needed but being collected, and S = needed but not being collected.

TABLE 2-3
OMITTED DATA ELEMENTS

Data element	Reason for omission
Sponsor Data	
Military/civilian?	Picked up in definition of pay grade
Duty organization	Not needed for any determinations
Duty address	Not needed for any determinations
Duty phone	Not needed for any determinations
Attache duty?	Separate identification and direcounting
Time on station	Not needed for any determinations
Tour length	Not needed for any determinations
Previous address/phone	Not needed for any determinations
Date of rank	Not needed for any determinations
Time in Service	Not needed for any determinations
Time left on active duty	Not needed for any determinations
Arrival date	Used by Housing Office for wait list, can be entered directly to wait list
Sponsor Residence	
Residence overseas?	Obtained from state/zip codes
Residence street	Not needed for any determinations
Rent guarantee project #	Not needed for any determinations
Landlord name	Not needed for any determinations
Landlord address	Not needed for any determinations
Landlord telephone	Not needed for any determinations
Household Data	·
Have dependents?	Picked up from dependent list
Involuntary Separation	Not used for any determination
Geographic bachelor?	Can be identified from dependent location zip
Marital status	Picked up from dependent list
Dependent name	Not needed for any determinations
Dependent landlord data	Not needed for any determinations
Dependent relationship	Not needed for any determinations
Dependent SSN	Not needed for any determinations
Dependent cert date	Not needed for any determinations
Dependents elsewhere	Picked up from dependent location
Dependent residence	Picked up from dependent location
overseas?	Traced up from dependent location
Sharer start date	Not needed for any determinations
Share cost %	Determined by number of sharers
Sharer name	Can be cross-referenced to sharer SSN if needed
Share service	Can be cross-referenced to sharer SSN if needed
Spouse duty station	Can be cross-referenced to sharer SSN if needed
Marriage date	Not needed for any determinations
Custody/child support	Not needed for any determinations
louse Data	
Permanent home	Not needed for any determinations
Prefer on/off base?	Not needed for any determinations
Furnished?	Not needed for any determinations

TABLE 2-3
OMITTED DATA ELEMENTS (Continued)

Data element	Reason for omission		
House Data (Continued)			
Commute distance	Obtain from zip-to-zip cross-reference		
Mobile home basis	Not needed for any determinations		
Housing office reversal	Policy decision		
Own, rentals unavailable	Not needed for any determinations		
Time in residence	Not needed for any determinations		
Dependent time in residence	Not needed for any determinations		
Lease expire date	Not needed for any determinations		
Discrimination?	Not needed for any determinations		
Cost Data			
Rent frequency	Eliminated by use of consistent data		
Rent only amount	Part of total allowable expenses determination		
Finder fee amount	Part of MIHA; Housing Office determines		
Purchase price	Needed for OHA rental equivalency determinations; handle through Finance instructions		
Owner PITI	Part of total allowable expenses determination		
Dependents' PITI	Part of total allowable expenses determination		
Utilities in rent?	Part of total allowable expenses determination		
Electric	Part of total utilities determination		
Gas	Part of total utilities determination		
Oil	Part of total utilities determination		
Wood/coal	Part of total utilities determination		
Water/sewer	Part of total utilities determination		
Trash	Part of total utilities determination		
Maintenance monthly	Part of total allowable expenses determination		
Condominium fee	Part of total allowable expenses determination		
HOA fee	Part of total allowable expenses determination		
Insurance	Part of total allowable expenses determination		
Taxes	Part of total allowable expenses determination		
Mobile home lot fee	Part of total allowable expenses determination		
Has rent changed?	Part of total allowable expenses determination		
Control Data			
Commander	Inappropriate. Commander has no knowledge of facts, and they must be reverified anyway.		
BAQ	Already in SM JUMPS file		
F5A-1	Already in SM JUMPS file		
VHA cap	Aiready in SM JUMPS file		
Offset	Aiready in SM JUMPS file		
Reason for change	Not needed		
SM certifications	Not needed. SM is under fraud risk anyway. Certifications just take up space		

CHAPTER 3

CONCLUSIONS AND RECOMMENDATIONS

The information required to support the four housing-related processes clearly overlaps. In the past, that information has been collected from the SM several times, at least once by each agency involved. Such practices evolved from the time of manual record keeping, when interactivity of information was impossible. They also evolved from a time when the Government was considered the primary source of housing for a much smaller career military force. Such antiquated administrative techniques waste the SM's time and create redundant paperwork.

COST CONCLUSIONS

Table 3-1 presents the total costs of each system and the potential savings to be realized by replacing the current system. Clearly, significant cost savings can be realized from either of the alternatives presented. While this analysis incorporates some assumptions, we believe it results in a streamlined consolidated housing data collection system that would be significantly better than the current dispersed data collection system. Detailed calculations are displayed in Tables D-5, D-6, and D-7 in Appendix D.

TABLE 3-1
TOTAL ANNUAL COSTS

Alternative	Cost (\$000)	Savings (\$000)
Current system	33,434	_
Single system	18,749	14,685
Single form	20,430	13,004

Additional savings of \$1.6 million can be achieved by going to a single system. If JUMPS were selected as the single system, revisions would not be excessive because it is under extensive revision now.

Our estimates assume that the time of the SM and the chain of command is a valuable asset. This assumption is a very significant factor in our calculation. In Table 3-2, we show a comparison of the alternatives when no value is assigned to that time.

TABLE 3-2

TOTAL ANNUAL COSTS
(Not counting SM and chain-of-command time)

Alternative	Cost (\$000)	Savings (\$000)
Current system	6,324	_
Single system	4,067	2,257
Single form	5,748	576

This approach, which essentially considers only the savings within the staff agencies, shows that the single form alternative offers significant savings over the current system; the single-system alternative offers even greater savings. While we reject the idea that a time demand on the SM is irrelevant, these data portray the effect on appropriated funds covered by these alternatives. The savings in Table 3-1 include savings in opportunity costs — essentially, in time wasted. The figures in Table 3-2, however, indicate the actual savings in new hires of staff personnel needed to support the alternatives. Thus, Table 3-2 should not be disregarded: it reinforces our conclusion that data processing within a single system is preferable to multiple points of data handling.

MANPOWER CONCLUSIONS

The key conclusion from our estimates of the manpower requirements of the alternatives is that more than 80 percent of the administrative burden falls on the SM and the chain of command. More than 2 million man-hours are spent by SMs and the chains of command each year in filling out forms — for just the housing and housing allowances segments. Clearly, any significant reduction in that administrative burden releases that much more time for the SM to perform assigned duties. Table 3-3 presents the total time requirements of each of the alternatives by participant; again, detailed calculations are shown in Appendix D.

TABLE 3-3

TOTAL TIME REQUIREMENTS

(Labor hours)

Participant	Current system	Single system	Single form
Personnel staff	106,230	6,854	68,535
Finance staff	304,125	485,744	482,317
Housing staff	102,803	22,274	22,274
Chain of command	282,708	46,261	46,261
Service member	2,571, 786	1,519,770	1,519,770
Total	3,367,652	2,080,902	2,139,157

We draw three major conclusions from the data summarized in Table 3-3. First, both alternatives offer almost a 50 percent reduction in the combined demands on the SM and the chain of command.

The second conclusion is that in either case, the responsibility for much of the staff work has been shifted from the Personnel and Housing Offices into the Finance Office. The bulk of the additional Finance Office man-hours can be made up in part by shifting manpower spaces, but that would require new hires because the Housing and Personnel Specialists would not be trained in finance functions. The remainder of the increased effort could be absorbed through productivity improvements in the finance system. One way to increase productivity would be to automate data collection with the data being input by the SM. This would relieve some of the time burden from the Finance customer service clerks.

The third conclusion is that consolidation of the multiform process does not significantly decrease the net staff workload. The same information must be provided as before, but it all goes through the Finance chain. By sharing information electronically, staff agencies can do their work with far less demand on SM time for redundant data collection.

DATA CONCLUSIONS

Much of the data required to assess OHA allowance ceilings and payments are consistent with VHA data. The OHA forms can be consolidated with other forms; however, an OHA-specific attachment will be required.

We noted in Chapter 1 that much of the housing data are not reliable because the questionnaire return rates are low. The data collected do not often return to the installation from FACSO in a usable form. Without those data, Housing Referral Offices (HROs) must spend considerable time maintaining files on off-base military residences. If all SMs provide such data using the new form, the raw data could be returned to the installation for HRO use.

Some of the information collected on current survey forms is already available to many Housing Office staffs from other sources. Information such as commuting times and distances by zip code could be provided by Housing Offices directly, without a survey.

OVERALL CONCLUSIONS

Much of the data collected on existing forms are redundant and some are unnecessary. The procedures used to collect those data consume SM time repetitively for the same information. DoD can realize significant savings simply by consolidating the forms used for existing processes and by routing the forms rather than the SM from office to office as required. Since the SM cannot be paid unless the required data are given to the Finance Office, that office should be the primary sponsor of the form and the data.

Additional savings could be realized by integrating the entire data collection process into a single automated system. However, the additional savings could easily be consumed in struggles over implementation policy. An automated system would require increased output at installation Finance Offices. The difficulties in enlarging staffs in a time of force reductions require that the marginal savings of adopting a single system be approached with caution.

RECOMMENDATIONS

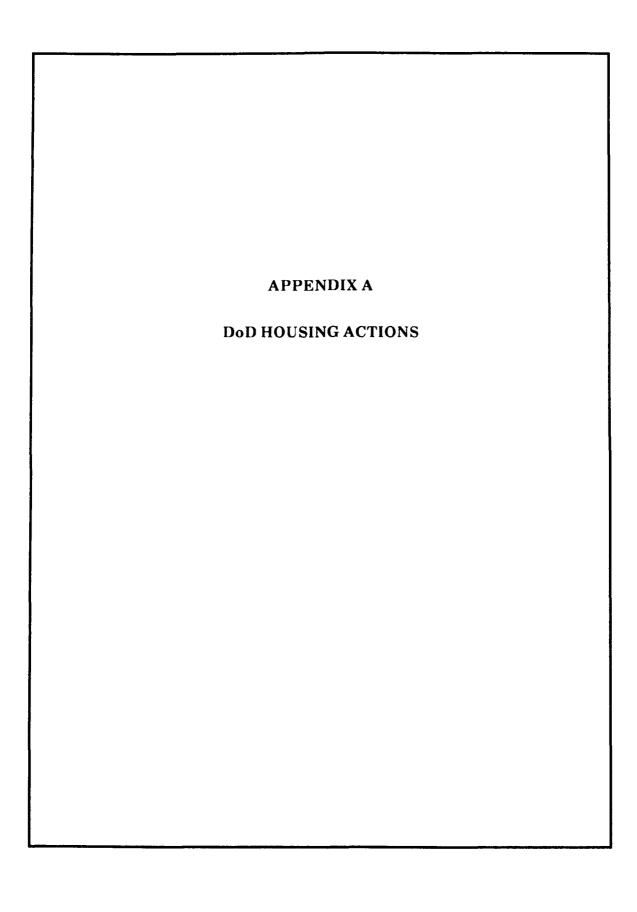
We recommend that the Office of the Assistant Secretary of Defense (Force Management and Personnel [OASD(FM&P)] and the Office of the Deputy Assistant

Secretary of Defense (Installations) [ODASD(I)] continue with their joint initiative to consolidate the data forms for BAQ, VHA, and OHA allowance transactions and community housing information. We recommend that the form consolidation process take the following direction:

- Obtain Military Service concurrence on the content of the consolidated form, using the data item list in Table 2-2 as a recommended solution.
- Task the Washington Headquarters Service to design a two-part form, with Part I requesting the JUMPS-required data and Part II containing the remaining data elements in mark-sense format. Part I would be processed by the Finance Office into JUMPS; Part II would be forwarded to a central agency for data processing.
- Direct the Military Services to revise regulations to reflect the use of this form and to ensure that the form, not the SM, moves between staff offices at each installation.
- Prescribe the specifics of the processes in which data will be transferred to DMDC for combination, calculation of allowances, and communication back to installations.
- Continue with the present system for a year while introducing the new form. Publish a directive specifying the use of both systems simultaneously during this interim.

We recommend that ODASD(I) investigate the potential for management or service improvements at installation housing offices if raw data on SM housing in the community were provided in automated form.

Finally, we recommend that OASD(FM&P) keep in mind the possibility of automating the SM data input process and establishing interfunction data transfer at the installation level, in order to reduce the manpower requirement in staff offices. The effort to design and implement such actions should not, however, be attempted unless the necessary hardware will be readily available, and a detailed study indicates that the investment required for hardware acquisition, software development, and policy implementation will be justified.



DoD HOUSING ACTIONS

MAJOR ACTIONS

Data collection on Service member (SM) housing costs are collected for four primary purposes: to determine eligibility for basic allowance for quarters (BAQ) payments; to determine eligibility for, and size of, variable housing allowance (VHA) or overseas housing allowance (OHA) payments; to determine installation housing deficits; and to calculate the appropriate VHA rates for an installation.

Basic Allowance for Quarters

The BAQ is paid to all SMs who do not have access to Government housing. The rate is determined by pay grade and is not adjusted for location. An SM with dependents is paid a slightly higher rate, but no adjustments are made for the number of dependents. The key items of information required to authorize and pay BAQ, therefore, are assignment to or denial of quarters and dependent status.

Variable Housing Allowance

The VHA is in effect an adjustment of the standard salary to account for area housing costs. In a process described below, each installation is assigned a VHA rate which differs by pay grade and dependency status. If SM-allowable expenses do not exceed the combined BAQ and VHA rate, the SM splits the difference with the Government; this reduced VHA payment, known as the "offset," acts as an incentive to the SM to avoid unnecessary expenses simply because they are within the allowance cap. Key data, therefore, are the allowable expenses.

VHA Ceiling Calculation

The VHA for each pay grade in each community is set through a complex process which in essence defines the zip codes that are considered as the "community" providing housing support to each installation and computes a local cost of rental housing based on the median cost for each pay grade and dependency status. In addition, all communities are lumped together to determine a "national average housing cost," 15 percent of which is defined as the "maximum acceptable

out-of-pocket cost" or "absorption." The absorption is subtracted from all local pay grade median costs uniformly to determine a total allowance ceiling, and the BAQ is subtracted from the total allowance to arrive at the VHA ceiling. Key data, therefore, are allowable costs, residence zip code, duty installation, pay grade, and dependency status.

Overseas Housing Allowance

The OHA is much like the VHA in concept and execution. It differs in three primary aspects. First, it is complicated by currency exchange factors. Second, differences in foreign rental practices require considerable extra detail, particularly the initial occupancy costs for items normally considered part of the house in the United States (kitchen cabinets, major appliances, etc.) and often require extremely high deposits. Finally, the allowance has three parts: the rental ceiling, the utility allowance, and the initial/terminal occupancy allowance. The OHA is the sum of those allowances, less the BAQ already authorized.

Unlike the VHA, which is calculated from median data, the OHA rental ceiling is calculated as the 80th percentile, by pay grade, of the rents actually being paid by the SM in an overseas community. The utility allowance is calculated by summing the previous year's utility bills. In addition, in the event of a radical change in costs during any year, installations may obtain interim adjustments to the utility allowance. The initial/terminal costs are computed in the same manner and prorated across the expected occupancy period in a monthly allowance. That process causes significant distress to the SM at the beginning of occupancy since the need is immediate and the reimbursement is deferred; DoD has an initiative under way to extract these costs from the OHA and pay them instead as a lump sum Move-In Housing Allowance (MIHA). To further complicate the OHA, SMs may draw allowances based on multiple-dwelling occupancy (if, for example, the family remained in the United States during the SM's overseas tour).

The key data are the same as for the VHA calculation.

Housing Deficits

It is the policy of Congress that whenever possible, military family housing will be found in the private market. In many cases, the private-sector housing is either too expensive, too far away, or qualitatively inadequate for SM needs and budgets. In such cases, appropriated funds may be used to acquire Government housing. Before submitting proposals for such housing, the installation must demonstrate that the combined assets of the installation and the community are less than the housing requirements of the assigned military families: that there is a housing "deficit." The calculation of this deficit depends on the assessment of the community's inventory of appropriate housing, a function performed by regulation through a survey of families currently living off base. In practice, the Army has stopped using the survey altogether, requiring a formal "segmented housing market analysis" to be performed; both the Navy and the Air Force have required that a housing market analysis be provided in conjunction with any housing construction request. However, the deficit calculation process does help to provide an assessment of the relative housing straits of DoD's many installations and provides a consistent (if controversial) method for setting priorities.

MAJOR PARTICIPANTS

In this report, we discuss Personnel, Finance, and Housing, the three major staff agencies that handle housing for the SM. (Throughout this appendix, when we refer to any of those three functions, we use lower case, as in a "personnel issue"; where we refer to an agency or office, we use initial capitals, as in a "Finance Office.") In addition, the Office of the Secretary of Defense Per Diem and Travel Allowances Committee — referred to as the Per Diem Committee — which is responsible for determining allowance rates, is a major participant in the data collection and analysis processes.

Personnel

Much of the data required for the actions above are available from the SM's personnel file. In addition to the obvious personal data, the Personnel Office determines dependency and maintains emergency data records that include addresses. However, the collection of data to feed Service-wide personnel databases is directed by higher authority and results in data that are not useful at the local level; thus, neither the SM nor the clerk has an incentive for accuracy or completeness.

Personnel has no automated interface with other systems. In the case of the Navy, the automated personnel system contains part of the required information; but

the primary data sources are paper records. Thus, consolidation of data collection through the personnel system would require significant readjustment on the Navy's part.

In most Services, the personnel function is an installation-wide service activity. The Navy and Marine Corps have consolidated installation Personnel and Finance Offices for administrative and command purposes. A common computer system has been established so that data may be entered by the customer service clerks for verification and execution by the finance specialists; however, the main data files remain independent of each other (and, in the case of the Personnel files, depend on the paper master file). In the Air Force, the installation Personnel and Finance Offices are often housed in the same building for the convenience of the SM, but are separate activities. In the Army, the personnel function is operated at the unit level in a very decentralized manner; the Army's automated systems allow rapid transfer of information vertically through the personnel hierarchy, but there are no automated links to other systems.

Finance

The finance function is installation-wide in every Service. Finance is the ultimate point to which allowance information flows: dependency data to substantiate claims for BAQ, VHA ceilings as DoD payment policy, and rent data to substantiate claims for VHA payment. The only housing data that Finance ignores is assessment of acceptability of SM housing, because the payments remain the same regardless of acceptability. Because of financial accountability requirements, Finance requires that all data be verified on the spot. This means that any data verified at another office must be presented again at Finance in order to be credited. Finance, unlike some of the other functions, can count on the SM to assist in keeping the system current, because if the required data are not presented, payments cease. In most communities housing allowances are several hundred dollars; so the SM will not allow the payment to be cut off unnecessarily.

All finance functions are on distributed data networks from the main Service Finance and Accounting Centers (FACs)¹. In addition to ensuring standardization, this also makes it possible to draw all necessary finance data from just four points. In

¹Each Service has a slightly different name for its primary command for pay operations. We will use the generic term unless referring to a specific Service activity.

fact, the Defense Manpower Data Center (DMDC) already receives quarterly (soon to be monthly) extracts from the finance files of each Service, which are being used by the Per Diem Committee to calculate the OHA. Since all Services use finance programs compatible with the Joint Uniform Military Pay System (JUMPS), there is no problem with disparity in definitions or use of the data.

Housing

The Housing Office has two primary functions: as landlord of the on-base housing units and as a housing referral service. In different Services, Housing Office activities may also be responsible for unaccompanied personnel housing and for transient facilities, but those functions are not critical to this study.

The Housing Office must maintain housing applications, waiting lists for Government housing, data on the current occupants of Government housing, and vacancy lists for community housing. Families living in private housing must be tracked in the event of sudden large-scale vacancies in on-base housing, requiring the forced return of those families to on-base units. The Housing Office also prepares the Government housing inventory that contributes to housing deficit calculations.

Housing Referral Office (HRO) counselors brief arriving families about the locations, prices, commuting times and patterns, facilities, and other facts on community housing near the installation. Many installations have automated real estate listings, but those databases do not contain military family occupancy information.

Regardless of the organizational structure of the Housing Offices, in each Service they remain either independent or isolated from other data sources. In the Air Force, housing data can be accessed by the base engineer for construction and maintenance management purposes. Access to or by other sources has been planned for within existing software, but the modules have not yet been fielded. In the Army and Marine Corps, a network of computers has been established, and standard summarized reports are submitted up through levels of command by mailing the data disks. In addition, installation-level Marine Corps housing computer systems can communicate with the installation-level finance system to execute BAQ start and stop orders.

Per Diem Committee

The Per Diem Committee is a small staff section at OSD level. Among other roles, it is responsible for the integrity and accuracy of the VHA data, and for data analysis and calculations required to produce the VHA and OHA rates. At present, the Per Diem Committee monitors the contractor who distributes and follows up on the completion of the VHA survey and converts the survey into automated data files. The contractor delivers the VHA survey data tape to DMDC, which maintains the tape on a mainframe computer and uses the Per Diem Committee's calculation algorithms to determine VHA rates.

The OHA data are delivered to the Per Diem Committee in two parts. Generic finance data is delivered by DMDC's extract process. Additional factors, contributing to the determination of local rates (especially MIHA data) are submitted by the installations directly to be transformed by the committee staff into Lotus 1-2-3 metropy spreadsheets. The spreadsheet summaries are collapsed into factors which are consolidated with the DMDC finance data to produce the OHA rates.

CUSTOMER SERVICE ACTION FLOW

In each of the Services, the actual flow of housing activity differs slightly because of different organizational match ups between the troop units and the personnel, finance, and housing functions. But the general processes and procedures are quite similar.

The SM interacts with the installation support offices in a predictable pattern for each tour of duty. There is concentrated activity when the SM arrives at a new installation, intermittent activity during the tour of duty, and a closeout process when the SM departs for the next assignment. These offices also create programs such as audits or file maintenance to which the SM must contribute.

Installation In-Processing

When SMs first arrive at new installations, many procedures are required to ensure that they are duly recorded in the many administrative systems common to large organizations. As part of their initial assignment orders, they are detailed to a specific unit or activity, to which they report on arrival. Thereafter, the time, location, and activities of the SMs are under the administrative control of their units.

Unit Controls

The unit provides processing guidance, makes appointments, and monitors the progress of the SM through indoctrination. Such help creates an overhead burden of time and paperwork for the unit. As an example from the Army, to meet a routine appointment at the installation Finance Office, the SM must have the consent or direction of his unit's leadership and a complete set of forms:

- Installation checklists and associated instructions for in- or out-processing, if appropriate
- DA 4187, Request for Action to indicate the general subject matter of the request and the commander's concurrence that the proposed action is acceptable
- DA 2142, Pay Inquiry to specify the problem
- Appropriate JUMPS forms with which to correct the problem
- Depending on the issue, transaction forms from intervening headquarters staffs or consolidated service centers
- Specific appointment slip when required.

In short, there is a considerable effort just to get the SM out of the unit on the way to the various service agency offices.

Personnel In-Processing

Protocol often requires that the unit make the appointment for the SM to visit Personnel. Once there, in addition to a large number of other personnel file update procedures, the SM will produce necessary birth certificates, marriage records, and legal documents to verify the existence of eligible dependents both at the duty station and elsewhere. These verifications will allow the SM to receive the appropriate allowances at with-dependent rates and confirm eligibility for accompanied housing. The marriage and birth certificates are the data elements for which the Service does not maintain the original documents. Because frequently the required documents are not available to the SM at the time, another appointment may have to be made to verify this information.

Housing In-Processing

On arrival at the installation, most single SMs would be assigned to live in unaccompanied quarters and would not participate any further in the data collection and survey process. Most SMs, however, would begin in temporary quarters, either in the installation transient facilities or in private lodging.

Again, the unit often makes the appointment to enable the SM to visit the Housing Office. The SM fills out the DD Form 1746, Application for Assignment to Family Housing (unless, in the Air Force's case, that form has been submitted from the previous duty station). The Housing Office verifies dependency data, using personnel data reflected on the assignment orders and from the original records of any new dependents and either assigns Government housing or declares such housing to be unavailable.

While SMs are in transit from one location to another, the Government does not provide quarters. Thus, all transferring SMs draw BAQ. They do not, of course, draw VHA because they have no established residence. If the Housing Office is unable to assign quarters, the BAQ continues and the SM becomes eligible for VHA depending on the duty location. A statement of nonavailability of quarters is seldom issued. Both Housing and Finance Offices in most Services rely on a semiannual audit to detect any SM who might consider trying to draw an unauthorized BAQ or VHA payment while assigned to Government housing. If, on the other hand, quarters are available, the Housing Office prepares a BAQ stop order, indicating the quarters assignment data; that order is transmitted to the Finance Office for execution. If the quarters assigned are rated as substandard, the BAQ may be partially stopped, using the same form.

If the SM is not assigned to quarters, the SM's name is placed on a waiting list for quarters and the HRO component of the Housing Office takes over. The HRO maintains rental and sales listings, generally provided by local realtors, and has institutional knowledge about community costs, facilities, and amenities. The HRO has a good idea of the SM's preferences based on the information provided in the application for quarters; however, equal opportunity laws prohibit the HRO from recommending, or commenting on, the economic composition or desirability of neighborhoods unless specific housing areas have been placed off-limits for discriminatory practices. Finally, the HRO provides the SM with a data card

(DD 1670, Notification of Housing Selection, used by the Army, or similar form in other Services) to be returned to the Housing Office when a permanent home has been selected.

Finance In-Processing

The unit makes provision for the SM to go to the Finance Office (in the Navy, the SM returns to the Customer Service section of the joint finance-personnel activity). Among other in-processing actions, those SMs unable to receive Government housing fill out a request to start VHA payments (except at a small number of installations where no VHA is authorized). Once again, the dependents are verified through a check of the original documentation of birth, marriage, etc. Since the SM has no permanent residence established at this point, the Finance Office starts the VHA at the ceiling. The SM must then return within 60 days to present the lease or purchase agreement for a precise calculation of the VHA and any required offset, or the SM risks termination of the allowance.

The finance clerks record the appropriate data; the transaction is then set aside for batch processing. In each Service, the SM fills out a form, then the data are transcribed from the form to a computer terminal where they are held. At the end of the day, transactions are reviewed for accuracy and completeness and then are submitted electronically to the master computer systems at the Service FACs for final processing to finance records. Each of these processes requires administrative overhead actions, such as logging the arrival and departure of customers, logging transaction activities, terminal input time, data transmission time and costs, checking of regulations for allowability of costs, etc. In addition, there is a supervisory overhead cost.

Once the transaction has been accepted into the master computer, there is a transaction verification procedure. The paper copy of the request for the allowance is filed in the SM's local records and copies are forwarded to the Service FAC for short-term storage to support the audit function. After a period of weeks, the documents are forwarded for archive storage, either in microfiche or paper form depending on the Service. This audit trail is not inexpensive; it includes shipping, handling and storage costs, microfiching and disposal costs, and an overhead for each step.

Certain special cases must be forwarded on paper. These usually involve a centralized determination of dependent status in unusual cases.

Mid-Tour Processing

The SM will need to retrace the steps above, at least in part, on several occasions during the tour of duty. First, during the 60-day window (or approved extensions), a permanent home must be found off base. Then, annually, the housing data and costs must be verified at the Finance Office in order for VHA payments to continue. In the event of assignment to Government quarters, the SM reports to the Housing Office for a series of actions, last of which is the termination of the allowances by the Finance Office. On occasion, changes in the SM's circumstances will require adjustment of the allowances. In addition to these requirements, the SM must keep the Personnel Office advised of any changes of address at each point in the process, a step that is frequently ignored.

Permanent Off-Base Quarters

The SM's unit makes an appointment at Finance for the SM. To validate the qualifying costs for the VHA, the SM collects the necessary documentation: always the lease or mortgage and possibly initial costs. (In overseas areas, the SM goes to Housing to get the lease approved, without which the OHA is not supposed to be paid.) Then, the SM goes to Finance where the documents are reviewed for adequacy and the entitlement is calculated. Then, the automated pay transactions are initiated, local files are updated, and the data are forwarded up the chain, both electronically and on paper. The cycle of central automated processing, paper file processing, file maintenance, and storage begins.

In addition, the SM should report data to the Housing Office; in the Army and Marine Corps, those data go into local databases. In practice, since the SM has no incentive to provide this information, the response rate is extremely low.

Quarters Assignments

Some SMs are eventually offered Government housing. Upon initial inprocessing, the SM is placed on a waiting list that is maintained by the Housing Office. Those at the top of the list are notified as vacancies occur. If they accept quarters rather than remain off base, their unit must again make time available for an appointment. In addition to the many steps required to process an SM into quarters, the Housing Office stops the BAQ and VHA using a Service form which is sent directly to the Finance Office.

The Finance Office processes this form, initiates automated pay transactions, files copies of the paper records, and forwards the record copies.

If the SM asks to be removed from the Government housing waiting list, the Housing Office does so. Conversely, the waiting lists often accumulate names of families who long since have moved into off-base housing and have no intent to reside in Government housing.

Annual VHAIOHA Recertification

The procedures for recertification vary with each Service, chiefly in the way that the certifications are sequenced. The Navy does them all in the same period, the Army does them by birth month, and the Air Force does them based on the Social Security Number.

In each case, however, a listing of those who must recertify is compiled, either by the installation Finance Office or by a Service FAC, based on a personnel-generated list of who is assigned to each installation and a finance-generated list of who is drawing VHA. The SM is notified to appear for processing or face cutoff of the allowance.

The SM collects the necessary paperwork and once again the unit makes an appointment at the Finance Office where the SM fills out the Service's VHA recertification form. The documentation is reviewed and the OHA, or the VHA rate and offset, are computed. More documentation is required for OHA recertification because the utility costs, unavailable before a move into a house, must be substantiated with a year's receipts. As before, once the documentation is deemed adequate, transaction processing and document filing and forwarding continue as before.

Periodic BAQ Recertification

In addition to the annual VHA recertification, SMs are required to recertify their BAQ status at intervals. In the Army, this is supposed to happen annually; in practice it happens as prescribed in the other Services, which is during installation in- or out-processing or as a result of a change in status submitted by the SM. A certification may also occur when the Finance and Housing Offices crosscheck to prevent SMs drawing BAQ while occupying Government quarters, or when unit commanders verify certification lists generated by the finance system.

BAQ verification simply confirms that the SM has dependents and resides on the economy; the SM must therefore provide the birth and marriage documents to substantiate dependents. In practice, the process has become one of exception reporting, in which existing dependents are presumed to be accounted for unless the SM or a finance transaction indicates otherwise.

Incidental Changes

Occasionally during a tour of duty, incidental changes will occur that require the SM to receive an allowance change. A marriage, divorce, new child, or child coming of age may cause a change in dependent status. Changes of residence may change rent payments which affect the net allowance due. Since the Service systems cannot predict such events, the SM will need to request an appointment through the unit. The revised information is verified and recorded by the appropriate Personnel, Finance, or Housing Offices, and appropriate transactions are initiated.

Installation Out-Processing

Once the SM receives reassignment requiring a change of duty station, all these housing allowance transactions must be undone. The unit makes time available and sets up or authorizes the necessary appointments and issues the installation checklist and instructions.

For those living in Government quarters, a lengthy housing out-processing procedure is required to ensure cleanliness of the quarters on departure. Upon successful completion of the housing inspection, the Housing Office fills out the Service form directing the Finance Office to restart the BAQ allowance. In the Marine Corps, this can be done electronically by the housing inspector, who issues the form to the SM at the quarters rather than requiring a visit to the Finance Office with the completed form; in other Services, the SM generally chooses to hand carry the form to ensure that it is processed rather than risking the uncertainty of military mail distribution systems.

Those living off base have no real reason to visit the Housing Office, except to obtain housing information about the next assignment location, because they already

draw BAQ and the VHA will be stopped when they process out of Finance. The HRO often desires to see these SMs in any case in order to identify suitable off-base housing units being vacated.

DOD ADMINISTRATIVE DATA FLOW

In addition to the customer service functions performed by the installation Personnel, Finance, and Housing Offices, they must collect a range of data to support DoD-wide analysis. The most significant such activities for the purposes of this study are the housing surveys used to determine where to apply housing acquisition funds, and the VHA/OHA surveys used to establish the maximum allowance rates for each installation.

Annual Housing Surveys

In order to identify housing shortages at each installation, all the Services except the Army participate in the housing survey process variously known as the 1376 survey (after the data form), the 1378 survey (after the output report), or the [housing] deficit survey (after the real purpose).

The rules and instructions for administering the survey, distributed each year, identify mandatory survey installations and minimum sample sizes. In addition to those mandatory installations, others may volunteer for a survey to demonstrate the extent of their local housing deficit. The instructions are published and distributed to each installation. In addition to data from installations, there is a significant requirement for data from other sources, such as multiyear force level projections.

The installation Housing Office produces an inventory of the Government housing assets. The Personnel Office produces a personnel printout, from which the Housing Office selects survey respondents in accordance with OSD-established rules. The Housing Office usually distributes the surveys through the chain of command, which then passes them on to the individual SM; some Housing Offices, particularly on smaller installations where the entire population must be surveyed, mail the surveys directly to the individuals using address lists from Personnel.

Once the survey has been received by the individual SM, it is completed and returned by the same route. The Housing Office receives the surveys and reviews them for completeness and content. Those that are incorrect and cannot be corrected on the spot should be sent back for correction. On our installation visits, we were

consistently told that time is not available for such corrections. OSD requires that every house that is rated as unacceptable must be verified by a Housing Office staff visit; as a matter of practice, the Housing Offices are seldom able to do this. When it does happen, those residences rated unacceptable by the SM but in fact found to meet DoD minimum standards are rescored as acceptable.

The survey data sheets are then mailed to the Navy's Facility Support Office (FACSO) at Port Hueneme, CA, where they are coded, entered into a computer, and analyzed. The resulting summary reports are forwarded to the installation Housing Offices for comment, and any major inconsistencies are removed. The installation does not, however, receive detailed information or the raw data records. If the installation has no plans for a family housing project requiring appropriated funds, there is no further interaction until the following year. If the installation has plans, a market analysis is made and the survey output (Form 1378) is attached as a required part of the acquisition project submission.

Housing Market Analyses

The housing market analyses² (HMAs) differ from case to case because almost all of them performed under contract by small, independent real estate consultant companies. The general outline of a well-done HMA remains consistent. If a military construction housing project is requested by an installation, the HMA is required to validate the shortage of community housing indicated by the housing survey process. The HMA must, therefore, at least replicate the housing survey information. The HMA process either verifies the housing survey deficit or rejects the housing survey results.

Annual VHA Surveys

The annual VHA survey requires a strict methodological approach to meet the accuracy standards required to extend its findings to the entire military population on such a sensitive issue as pay. The price of that need for accuracy is a complex administrative procedure that places a significant burden on the chain of command.

The Service FACs produce an automated list of all SMs receiving the BAQ allowance. Those rosters are delivered to a central processing point, until now one manned by a contractor who provided all administrative support to prepare,

²The specific term for this market analysis differs in each Military Service.

distribute, and collect the survey data. In the past, the Per Diem Committee selected respondents at random; beginning with FY91, the survey has become a census and central processing procedures may change. The chain of command follows detailed instructions as it administers the survey.

Each installation then receives a kit consisting of blank survey response forms, rosters of designated respondents, and a postcard that the installation mails back to indicate receipt of the survey materials. The contractor tracks the returning postcards, records the data, and follows up on missing responses.

Once the materials are received, the installation staff provides them to subordinate units, along with due dates for survey completion. The units must then find a time and place to administer the surveys to the SMs, and assist as needed to complete them. In the past, some units have allowed the forms to be filled out on a take-home basis, but that approach often produced a low response rate. Once the survey forms are completed, they are gathered and matched against the rosters. The survey administrator checks each survey to see that it is properly completed and has corrections made on the spot. The surveys and rosters are then returned to the collection points from which they are returned to the contractor who optically scans them into a database. The contractor makes some initial quality control checks to eliminate unusable records. The resulting database is delivered on magnetic tapes to the DMDC, where it is maintained for access by the Per Diem Committee staff.

In addition to elaborate procedures to protect the accuracy and reliability of the data, a 1 percent follow-up survey is made to check on the main survey. One percent of the records submitted by renters are selected for verification. Letters with a single-page mark-sense form and rosters of designated respondents are mailed through the chain of command. The SM reenters the total rent figure and has it verified by the unit commander. The forms are then returned for comparison with the originals to determine the degree to which surveys are being filled out with erroneous data.

The data are then subjected to a complex analytical process to determine the VHA rates for each pay grade and dependency status at each installation. Although the basic concept is to establish the median rent at each location by pay grade, a relatively simple task, the algorithms are much more complicated. Homeowners are included in the calculation by using an "imputed rent" which is based on the number

of bedrooms and the type of house owned to which is assigned the average monthly rate paid by renters with similar housing in that zip code. This weights the median with homeowners without putting the DoD in the position of subsidizing the higher costs incurred by homeowners who decided to invest rather than rent. In addition, zip codes are examined to see which installations they support. Finally, zip codes are analyzed to see whether there is a sufficient density of respondents or whether they must be pooled with similar low-density zip codes to determine allowance ceilings. Inherent to all these processes is the assumption that the data should be consistent; a mix of old and new data would produce very misleading results for the Per Diem Committee.

Once the analysis is completed, a set of recommended VHA rates is developed and the total cost to the DoD of paying those allowances is estimated. At this point the analysis becomes subjective as DoD and Congress determine how much will actually be appropriated for VHA funding. In past years the funding authorized has not often met the need. As a result, the VHA rates had to be adjusted. When the rates are decided, the Per Diem Committee publishes the approved rates for the following fiscal year. The Service FACs must then enter the new rates into their computer systems in time for the change to take effect for the new year.

This last set of steps is important to the form-consolidation process because it places a time frame around the data. Because the Per Diem Committee must formulate its estimates in order to meet the budget negotiation schedule, it must collect the data in the second quarter of each fiscal year. The data collected in FY90 are used in the budget negotiations for FY92 spending. By the time the allowances are paid in the last quarter of FY92, the data on which that allowance is based will be over 2 years old. That fact was the primary reason for making an annual gurvey instead of the previous biennial survey. In some cases, SMs were receiving allowances based on 3-year old data while housing costs had increased more than the national inflation rate. Any alternative process proposed must take into account the fact that the Per Diem Committee needs relatively fresh rent data to set the VHA.

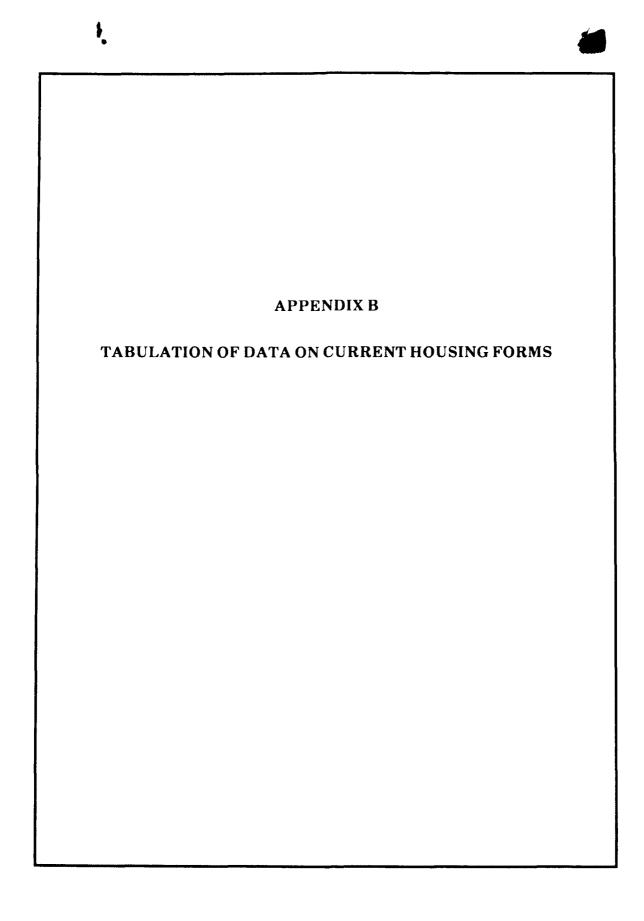


TABLE B-1

TABULATION OF DATA ON CURRENT HOUSII

(Sheet 1 of 3)

Data element	LMI Form	Per Diem Committee Survey	DD 1376 Hsg Survey	DD 376 OHA Survey	DD 2367 OHA Certification	DD 114 Pay Order	DA 5545 VHA Certification Army	DA 0-1 All-purpose Army	,
ponsor Data									T
Service	×	Incl USCG, PHS. NOAA		×					
Component	×			1			ł		ı
Military- or civilian		ļ i		Ì			1		
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Duty organization	ļ		×	×	×	×	×		İ
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Duty zip code	×	×		Í	×	×	×	×	1
Duty phone	1	1	×	1) ×		×	×	
BAQ type	×	w/dep, w/c, partial							
Attache duty		i i		×]				ı
Time on station	ļ	1		×	1				١
Tour length	1			×					١
Previous address phone	1]		1					
Date of rank							1		1
Time in Service	}	,		1	}		1		1
Time left on active duty				1					
Arrival date									
pansar Residence	ļ	1		1					ı
Residence overseas		×		}					١
Residence zip code	x	×	×	1	x		×	¥	
Residence city country	×		×	×	Î x		×	x	-
Residence street	1	[x		×		Ŷ	x	
Rental guarantee project #	ļ	1 1		×					-
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Mote. The code "n" means that the information is "noted" on the form for reference or as part of a worksheet but is not "collected" for use by the form's controlling agency

TABLE B-1

F DATA ON CURRENT HOUSING FORMS

(Sheet 1 of 3)

DA 5545	DA 0-1 All-purpose Army	Various Number VHA Certification Navy	7200 Start VHA USMC	AF 594 (old) Start/stop USAF	AF3502 VHA USAF	AF 534 (new) BAQ: and Dependency USAF	AF 987 USAF	DD 1746 Housing Application	DD 1670 Housing Found Army only
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B-3

TABLE B-1

TABULATION OF DATA ON CURRENT HOUSING FO

(Sheet 2 of 3)

Data element	LMI Form	Per Diem Committee Survey	DD 1376 Hsg Survey	DD 376 OHA Survey	DD 2367 DHA Certification	DD 114 Pay Order	DA 5545 VHA Certification Army	DA 0-1 All-purpose Army	,
Household Data (Continued)									T
Dependent child DOB	×	1	Age		1		}		1
Dependent gender	×		x		ĺ				ı
Dependent certification date	i	l .					[]		1
Spouse dependent here]	Y/N	Now/later	*				x	
Geographic bachelor			x	!				×	
Dependents elsewhere	i	1		*	1]		1
Dependents overseas		×					t i		1
Other dependents COLA	×	1	[] × [1
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Sharer start date	ļ	ļ			' '				1
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Marriage date	1]		ř	1 1]		ı
Custody-child support data		•							1
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Permanent home for tour					1			×	١
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Prefer on/off base	Ì		×]		1 1		ı
Quarters number	×				i i		1		
House type	×	¥	× .	×			}	×	1
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Baths	×			×					ı
Furnished			ł	×	1		1		1
Commute time	×	×	×					×	١
Commute distance			×		i I				1
Acceptable	×		Check why not		1			Check why not	1
Mobile home			×		ł l			- ' '	ļ
Housing office reversal			×						1
Rent/own/no fee	×	×	x	×	x		1		
Rentals unavailable			x] " [1
Time in residence		x	1	×	Move-in date		Move-in date	Move-in date	١
Dependent time in residence							Move-in date	Move-in date	1
Lease expire date			i l		1		MOAs-Iu dats	HUVE-III GG(C	1
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Note. The code "n" means that the information is "noted" on the form for reference or a part of a worksheet but is not "collected" for use by the form's controlling agency.

TABLE B-1
ATA ON CURRENT HOUSING FORMS (Continued)
(Sheet 2 of 3)

DA 5545 VHA Certification Army	DA 0-1 All-purpose Army	Var #s VHA Certification Navy	7200 Start VHA USMC	AF S94 Startistop USAF	AF 3502 VHA USAF	AF 594 (new) BAQ and Dependency USAF	AF 987 USAF	DD 1746 Housing Application	DD 1670 Housing Found Army only
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TABLE B-1

TABULATION OF DATA ON CURRENT HOUSING FOF

(Sheet 3 of 3)

Data element	LMI Form	Per Diem Committee Survey	DD 1376 Hsg Survey	DD 376 OHA Survey	DD 2367 OHA Certification	DD 114 Pay Order	DA 5545 VHA Certification Army	DA 0-1 All-purpose Army	VH
ost Data									
Currency	×			×	×		1	×	1
Rent frequency		,	1				1		
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Finder fee amount	1		Ì]				ì
Purchase price		ļ	İ]	×				
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Deps PITI		!	1	l			Broken o∷†	Broken oir	!
Utilities in rent				Note required	x]	ੋਯ & dens	1
Utility monthly		T	n		[ţ	SM & deps	1
Electric		,	İ	×	×		i	Y/N	
Gas		^		×	HeatAC			Heat AC	
Oil		,		\ ×	Heat AC		ļ l	HeatAC	
Wood coal		٦ -		×					
Water sewer		٠		×	x			Y'N	1
Trash				×	¥		SM & deps	Y:N	
Maintenance monthly	1		,	×	ì		1	SM & deps	1
Condo fee		x]					SM & deps	
HOA fee		x	Ì		i			SM & deps	1
Insurance	1	×	n		1		SM & deps	SM & deps	1
Initial expenses	×	İ		×]				
Terminal expenses	×]		×	1		!		
Taxes	ŀ	ŀ		×					1
Mobile home lot fee	1	ļ			į		!		1
Has rent changed	Ĭ	į		İ	j				ŀ
ontrol Data					i		1		1
Reviewer	¥	i	l	\ ×	×	x	[]	×	1
Finance action	,	}		1	× 1	×	×	x	1
Commander	İ	ļ		l			x		
BAQ								n	
F5A-1			1	1	ļ l		ţ l	n	1
VHA cap	1	l		1	ļ [1	n	1
Offset	ĺ			1			i i	n	
Effective date	×	1		1	×	x	×	×	1
Reason for change	×	{	}	1	{		\		1
SM certification				İ				×	
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Note: The code "n" means that the information is "noted" on the form for reference or as part of a worksheet but is not "collected" for use by the form's controlling agency

TABLE B-1

ON CURRENT HOUSING FORMS (Continued)
(Sheet 3 of 3)

DA 5545 S HA Certification cat Army	DA 0-1 All-purpose Army	Var ∌s VHA Certification Navy	7200 Start VHA USMC	AF 594 Start/stop USAF	AF 3502 VHA USAF	AF 594 (new) BAQ and Dependency USAF	AF 987 USAF	DD 1746 Housing Application	DD 1670 Housing Found Army only
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	}	}				1			
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APPENDIX B GLOSSARY

AF = Air Force

BAQ = Basic Allowance for Quarters

COLA = Cost of Living Allowance

DA = Department of the Army (form prefix)

DD = Department of Defense (form prefix)

DMDC = Defense Manpower Data Center

DOB = Date of Birth

FACSO = Facilities Support Office (Navy)

FAC = Finance and Accounting Centers

FSA = Family Separation Allowance

HOA = Home Owner Activity (fee)

HOMES = Housing Operations Management System (Army)

HRO = Housing Referral Office

JUMPS = Joint Uniform Military Pay System

MIHA = Move-In Housing Allowance

NOAA = National Oceangraphic and Atmospheric Agency

OHA = Overseas Housing Allowance

OSD = Office of the Secretary of Defense

PHS = Public Health Service

PITI = Principal, Interest, Taxes and Insurance

RPHA = Rent Plus Housing Allowance

SM = Service Member

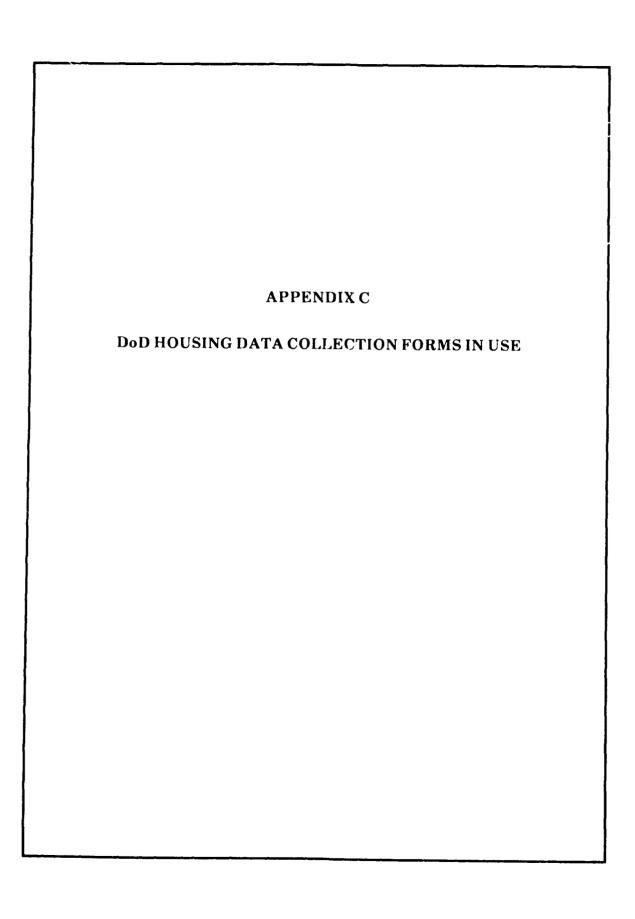
SSN = Social Security Number

USAF = United States Air Force

USCG = United States Coast Guard

USMC = United States Marine Corps

VHA = Variable Housing Allowance



LIST OF FORMS

Form Number

Title

(No number)

Per Diem Committee Variable Housing Allowance Survey with Follow-up VHA Verification Survey

DD 1376

Family Housing Questionnaire

DD 376

Housing Cost Data Sheet (Overseas Housing

Allowance)

DD 2376

Individual Overseas Housing Allowance (OHA

Certification)

DD 114

Military Pay Order

DA 5545

(Legible copy unavailable)

DA 0-1

Housing Allowance Document and Certificate (All-

purpose Army)

(No number)

VHA Certificate, (Navy)

MC 7200

(Legible copy unavailable)

AF 594

(old version)

Authorization to Start, Stop, or Change BAQ Rent

Plus, and/or VHA

AF (No number-

proposed to be 3502)

Authorization to Start, Stop or Change VHA

VHA

AF 594 (New

number-proposed as 534)

Application and Authorization to Start, Stop, or Change BAQ or Dependency Redetermination

AF 987

Recertification for BAQ, VHA, OHA, COLA and

FSA

DD 1746

Application for Assignment to Housing

DD 1670

Notification of Housing Selection



THE OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

WASHINGTON, D.C. 20301-4000

2 MAR 90

SUBJECT: Spring 1990 Variable Housing Allowance (VHA) Survey

TO: Survey Participant

You have been selected to participate in this year's housing cost survey. The information you give will help establish Variable Housing Allowance (VHA) rates for your area. The VHA is based on the typical costs incurred by Service members living in each area in the United States (including Alaska and Hawaii) who live off post or base and receive a Basic Allowance for Quarters (BAQ). The VHA payments are to help defray housing costs. The VHA is also paid to Service members assigned (PCS) overseas whose families reside in the United States (including Alaska and Hawaii).

It is important that you provide accurate figures on this VHA Data Collection Form. We ask that you take this form home and use your records and receipts to help fill in the amounts you actually spend. If you own a home, your response will help us identify the characteristics of your house for determining its rental equivalent. The importance of our having accurate information may require that your responses be verified by a government audit agency. Please keep any records and receipts you used in determining your responses for at least 12 months after completing the form.

The VHA is a valuable entitlement for men and women of the Uniformed Services. The time and effort you spend to fill out your form accurately will enable us to set fair VHA rates and maintain the integrity and credibility of the program. Please return your completed survey form to your administrator promptly.

Donald W. Jones

Lieutenant General, USA

Deputy Assistant Secretary

(Military Manpower & Personnel Policy)

Variable Housing Allowance Data Collection Form



Variable Housing Allowance Data Collection Form

* * DO NOT STAPLE OR FOLD THIS FORM * *

PER DIEM
TRAVEL AND TRANSPORTATION
ALLOWANCE COMMITTEE

○ Navy

Enlisted

○ E-1

O E-2

○ E-3

○ E-4

○ E · 5

○ E-7

○ E-8

○ E · 9

3. What is your

Number?

Social Security

○ Marine Corps

2. What is your pay grade?

Warrant

O W-1

○ W-2

O W-3

O W-4

Write the .

numbers in

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Then fill in

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the matching

Air Force

	MARKING DIRECTIONS • Use only a No. 2 black lead pencil.	PRIVACY NOTICE
I	 Read each question carefully. Make a HEAVY BLACK MAI that FILLS THE OVAL next to your answer. 	RK AUTHORITY: 10 USC 136
	 Please do not make stray marks of any kind. INCORRECT MARKS CORRECT MARK O If the question is to be answered with numbers, you should: 1) Write the numbers in the boxes, making sure that the LAST number is always placed in the RIGHT-hand box. 2) Fill in the unused boxes with zeros. 3) Mark the MATCHING OVAL BELOW EACH BOX. EXAMPLE: My average TOTAL monthly utility costs are (round off to the nearest dollar): Use Soft Lead Pencil Only The information you provide on this form is subject 	improve the working environment. ROUTINE USES: None DISCLOSURE: Voluntary. Failure to respond will not result in any penalty to the respondent. However, maximum participation is encouraged so that data will be complete and representative.
l		
1	I. What service are you in?	4. What is your marital status?
	○ Army ○ Coast Guard	○ Married

O Public Health Service

O National Oceanic and

O 0-1

O 0-2 O 0-3

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Atmospheric Administration

Commissioned Officer

O-1E (over 4 years enlisted)

O-2E (over 4 years enlisted)

O-3E (over 4 years enlisted)

□ 0.6

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○ 0-7 or above

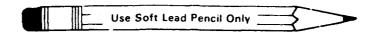
4. What is your marital status?MarriedNot married	
5. Please enter the ZIP Code for your (PCS) station in the 50 United Sta	ites.
 NOT APPLICABLE. Post, base, or homeport outside of the 50 United States. 	DUTY ZIP CODE
• If in sea billet, enter the ZIP Code of your UNITED STATES HOME-PORT, not your FPO / APO.	00000 20000 00000 00000
If you don't know your ZIP Code, ask someone.	3 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Do <u>not</u> enter the ZIP Code of a TDY/TAD location.	00000 0000 0000 0000
6. Do you presently receive a Basic A Quarters (BAQ) at either the WITH dependents rate?	
 YES, I receive BAQ at the WITHO YES, I receive BAQ at the WITH NO, I live in government quarter 	dependents rate

PARTIAL BAQ --- STOP. Sign and return the

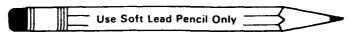
○ NO, I do NOT receive BAQ. --- STOP. Sign and

survey form

return the survey form.



7.	Mark the location of your residence at your permanent								
	duty station.	1	O Single-family, detached home						
	O Within the 50 United States		O Semi-detached (row/townhouse/duplex)						
	Outside the 50 United States → Do your dependents also live outside the 50 United States?		 ○ Apartment (owned or rented) ○ Mobile home 						
	○ No	1	Other (e.g., private vessel)						
	O Yes	ļ	C Carrol (o.g., private resear)						
		13.	How many bedrooms are there in the "residence?"						
Γ	NOTE		(Count any room that is used, or could be used.						
- 1.	If you live OUTSIDE the 50 United States and are	ĺ	as a bedroom.)						
	NOT MARRIED, STOP. Sign and return the survey		○ 1 or efficiency ○ 3 ○ 5 or more						
į	form.		02 04						
- 1	If you receive BAQ at the WITH DEPENDENTS rate								
ı	and both you and your dependents are living OUTSIDE the 50 United States, STOP. Sign and return the	14.	. How long does it take you to get from the "residence" to your place of duty (commuting time) on a typical day?						
- [survey form.	O Does not apply O 31 to 60 minutes							
			O 30 minutes or less O 61 minutes or more						
8.	Enter your RESIDENCE ZIP CODE RESIDENCE								
	at right. THIS RESIDENCE ZIP	15.	Do you RENT or OWN the "residence?"						
	CODE IS CRITICAL.		O Neither; live in government-owned or -leased						
			housing \longrightarrow STOP. Sign and return survey form						
	IMPORTANT DODO		O Neither; live with friends/relatives and PAY NO						
	If you are MARRIED and maintain 22222 a SEPARATE RESIDENCE for your 3333		COSTS STOP. Sign and return survey form.						
	spouse/dependents, enter your () ()		○ Neither; live in other accommodations → STOP. Sign and return survey form.						
	SPOUSE/DEPENDENTS' ZIP Code. 6666		O RENT						
			O CWN						
	IN THE FOLLOWING QUESTIONS.								
	RESIDENCE WHOSE ZIP CODE DO DO		How long have you RENTED or OWNED the						
	YOU ENTERED IN QUESTION 8. 99999	İ	"residence?"						
_			3 months or less 37 to 48 months						
9.	Is the "residence" government-owned or -leased housing?		○ 4 to 6 months						
			○ 7 to 12 months ○ 5 to 10 years ○ 13 to 24 months ○ 11 to 20 years						
	O No		O 25 to 36 months O 21 or more years						
10.	Do your spouse and/or dependents live in the		If "RENT," continue with Question 17.						
	''residence?''		If "OWN," go to Question 21.						
	O Does not apply. I have no spouse or dependents		·						
	○ Yes		FOR RENTERS ONLY						
	○ No	17	How often are rent payments for the "residence" due?						
11	If you share housing costs with non-family members,	'/-	○ Monthly ○ Every two weeks ○ Other						
• • •	what portion of the monthly housing costs for the		O Twice a month						
	"residence" are you paying?		- Trocky						
	O Does not apply. I my family pay all costs (100%).	18.	How much total RENT is paid for DOLLARS per period						
	O None - STOP. Sign and return the survey form		the "residence" PER PERIOD \$ 00						
	○ 1% to 9%		specified in Question 177 (For						
	O 10% to 19%		example: if it is \$245, enter 0245. Include RENT only Other housing						
	O 20% to 29%		costs will be asked for later.)						
	○ 30% to 39%								
	○ 40% to 49%○ 50% to 59%	19.	When you first rented the "residence,"						
	○ 60% to 69%		did you pay a FINDER'S FEE to an agent in order to obtain the "residence?"						
	○ 70% to 79%		agent in order to obtain the "residence?" DO NOT INCLUDE SECURITY DEPOSITS.						
	○ 80% to 89%		O Yes D D D						
	○ 90% to 99%		○ No → GO TO QUESTION 22						
	•	•	ــــــــــــــــــــــــــــــــــــــ						



.00

per month

20	If you paid a		oll	ollar Amount of F					
20.	FINDER'S FEE,	Write the	\$.00	
	how much was	numbers in the boxes.		9	0	@	0		
	this fee?	(HE DOVES:		Θ	0	①	Φ		
				@	@	②	@		
		Then fill in			_	3			
		the matching			-	(4)			
		ovals.			_	⑤	_		
						⑤			
					_	()	1		
Γ	GO TO QUESTIO	ON 22			_	<u> </u>			
_				Щ.				,	

FOR OWNERS ONLY.

The next question is important for current research on homeowners' costs.

DOLLARS per month 21. What is your monthly house payment for the "residence?" - \$ (Include the PRINCIPAL AND @ @ @ @ INTEREST on all mortgages or 00000trusts, real estate TAXES, and 2 2 2 2 2 D homeowner's INSURANCE. Also $\mathfrak{O}\mathfrak{O}\mathfrak{O}\mathfrak{O}$ include land lease, mobile home \odot lot rental, or berthing fees, if **® ®** applicable. Other housing costs **@ @** such as utility and maintenance **ග**ගර costs, etc. will be asked for later. (EXAMPLE: if your payment **①** ② **①** is \$550, enter 0550.)

FOR RENTERS AND OWNERS

- 22. Over the last 12 months, what was the AVERAGE MONTHLY cost of all utilities (except telephone) paid separately from other rental or home ownership costs?
 - O DOES NOT APPLY. No utilities are paid separately.
 - Do not have a basis for estimating utility costs.

For each utility, add all costs for the LAST 12 MONTHS and divide by 12 (If you do not know the costs for all 12 months, ask a neighbor in a similar residence for estimates for the missing months.) **DOLLARS**

Enter the average monthly cost for each utility in the space below, then enter the

TOTAL at the right	•	
1		(O) (O) (O)
Monthly Average		ന മാ
Electricity \$		@ @
Natural Gas/Propane . \$		താരാ ദ
Fuel Oil		@ @ @
Wood/Coal \$		© ©
I 1		(D) (E
Water/Sewer \$		0 0 0
Garbage		© (
TOTAL 6		© (

23. Enter the AVERAGE MONTHLY maintenance cost

paid for the UPKEEP of the "residence off to the nearest dollar.	e. *	R	our	nd
○ No maintenance costs DOLL	AR	Sp	er m	onth
are paid separately.				.00
 INCLUDE only maintenance such as 	@	@	©	
plumbing, electrical, heating/cooling	1	Θ	Œ	
system or structural repairs, yard	@	@	②	
upkeep, etc.	3	3	③	
 DO NOT INCLUDE the cost of home 		•	@	
improvements (e.g., remodeling, new	İ	➂	➂	
roof, new furnace, major appliances),	ļ	@	©	
new shrubs, new fences, or other		Ø	O	
additions.		➂	œ	
EXAMPLE: If your cost is \$25 per month, enter 025.	L.	@	①	

24. Enter the AVERAGE MONTHLY cost of any of the following housing expenses for the "residence:" condominium fee; homeowners' association fee; property and hazard insurance, if NOT included in Question 21.

Fill in the grid for EACH expense you do have OR mark "None" for EACH expense you do not have.

	Condominium Fee None	Homeowners' Assoc. Fee None	Property & Hazard Insurance (If not included in Q 21) None	
DOLLARS per month	\$ 0000000000000000000000000000000000000	\$ 000000000000000000000000000000000000	Write the number the box ① ① ① ① ② ② ② ② ③ ③ ④ ① Then fill in the matchire ovals. ② ②	s ir es.
	9 9	© ©	•	

PLEASE BE SURE TO READ THE STATEMENT **BELOW BEFORE SIGNING.**

THE INFORMATION I HAVE PROVIDED IS ACCURATE TO THE BEST OF MY KNOWLEDGE. (Before signing this form, please review questions 5, 8, and 17 through 24. Make sure you have answered them correctly and where you entered numbers, make sure you have filled in the matching ovals. THANK YOU.)

PRINT Last Name, First Name	
Signature	
Date (Year Month Day)	

1990 VHA VERIFICATION SURVEY

RCS# FDD-FM&P(A)1576

GERALD D MASTERS Proper Mark **DQKAAA 226-06-5711** USE A NO.2 PENCIL HHC 6TH CBT AVN BDE 6TH I FT WAINWRIGHT AK 99703 **OUESTIONS FOR MEMBER** 2. At the time you filled out your Spring 1990 VHA Survey, 1. What is the RESIDENCE ZIP CODE of the residence you how often were rent payments for the residence due? reported on when you filled out your Spring 1990 VHA Please mark one. Survey? Monthly Weekly RESIDENCE ZIP CODE Other Twice a month Every two weeks 3. At the time you filled out your Spring 1990 VHA Survey, how much total RENT was paid for this residence 2 PER PERIOD specified in Question 2? Enter the RENT in the grid below. For example, if it is \$245, enter 0245. 3 Include RENT ONLY. 4 DOLLARS per Period 5 6 7 8 9 3 **IMPORTANT** 4 5 Documentation is required for Questions 2 and 3. In the following questions, "RESIDENCE" refers to the 6 residence zip code you entered in Question 1. 7 8 **MEMBER'S SIGNATURE:** The information I have provided for this verification is, to the best of my knowledge, accurate Signature QUESTIONS FOR UNIT COMMANDER 5. Why was documentation NOT available? 4. Which of the following documentation did you use to verify rent? Mark all that apply. Documentation dates must fall within 1 March - 31 May 1990. Does not apply-documentation was available.) ETS TDY/Leave Documentation was NOT available. (GO TO Q. 5.) Lease/ rental agreement Rent receipt(s) Other (specify): Cancelled check(s) Unit Commander's personal verification. Other documentation (specify): **UNIT COMMANDER'S SIGNATURE:** The information provided for this verification is, to the best of my knowledge, accurate. Signature Name (print) Exhibit 1 Page 1

SURVEY NETWORK™

Form Number 756 12-5-88

FAMILY HOUSING QUESTION (Please read the INSTRUCTIONS and PRIVACY ACT STATEMENT on	
NAME (Anni Below)	11 IN WHAT TYPE OF HOUSING ARE YOU NOW LIVING? (SELECT ONE ONLY)
	I LIVE IN MILITARY HOUSING (Fortest 6H 8 A Q)
Last First M. India:	7 I LIVE IN MILITARY HOUSING OFFICIALLY DECLARED MADEQUATE (Forfer) any or all B.A.O.)
LOCAL ADDRESS—THIS IS THE ADDRESS WHERE YOU ARE LIVING WITH YOUR FAMILY IF YOUR FAMILY IS NOT WITH YOU INDICATE BACHELOR ENLISTED	I'M LIVING IN HUD MILITARY PREFERENCE HOUSING
QUARTERS, SHIP, BOQ, OR WHATEVER IS APPROPRIATE	5 10WN DR AM BUYING A MOBILE HOME
	4 OWN OR AM BLYING A HOUSE
ORGANIZATION TO WHICH YOU ARE ASSIGNED AND DUTY PHONE NUMBER	1 I'M RENYING OFF-BASE CIVILIAN HOUSE APARTMENT
Include Name and Unit Number. You may use abbreviations	On mobile name
DUTY PHONE NUMBER	12 CONSIDERING YOUR PRESENT SITUATION WOULD YOU CHOOSE TO
	9 LIVE IN MILITARY HOUSING (SELECT
YOUR SOCIAL SECURITY NUMBER	7 RENT CIVILIAN HOUSING ONE ONLY.
	8 BUY CIVILIAN HOUSING?
	13 HOW MANY MILES IS IT ONE WAY FROM YOUR LOCAL HOME TO YOUR DUTY
WHAT IS YOUR PAY GRADE? (Put an X in appropriete box)	STATION? (Nearzal mint)
OFFICER ENLISTED CIVILIAN	
0-10 E-0 GS-1 Mn/4	14 HOW LONG DOES IT TAKE YOU TO TRAVEL ONE WAY FROM YOUR LOCAL HOME
0-0 E4 G55 mu6	TO YOUR DUTY STATION? (Put en x in appropriate Box)
04 E-7 Gas7 thru 11	2 LESS THAN 80 MINUTES
07 DE6 DG5-12 mmu 14	1 MORE THAN 60 MINUTES
GS-15 and above	15 HOW MUCH DOES YOUR HOUSING COST YOU ON THE AVERAGE PER MONTH? (III you live in military housing enter 000 in the bores below I WHEN ADDING UP YOUR
05	HOUSING COST, INCLUDE THE FOLLOWING ITEMS WHEN THEY APPLY TO YOU
04 W4 E3 W84 mn, 17	Rent or mortgage payment
03 W3 E2 WB-18 thru 27	Property taxes
02	Property Insurance
	Utilities (naet, light, water, trash)
WHAT IS YOUR MARITAL STATUS?	Average maintenance costs
2 MARRIED	DO NOT INCLUDE TELEPHONE BILLS
1 Dimes (Widowed divorced single	TAKE THIS AMOUNT TO THE NEAREST DOLLAR AND PRINT IT IN THE BOXES BELOW IF YOUR AVERAGE MONTHLY HOUSING COST IS \$355. THE CORRECT
legally separated;	FIGURE TO PUT IN THE BOXES IS
YOUR DEPENDENTS BO NOT INCLUDE YOUR SPOUSE	Colorado
FOR PURPOSES OF THIS SURVEY A DEPENDENT IS SOMEONE WHO COUNTS TOWARD YOUR BAD	
PAYMENT AND WHO WOULD NORMALLY LIVE	18 CONSIDERING YOUR PRESENT INCOME AND THE LOCAL COMMUNITY DO YOU FEEL THAT THE HOUSING YOU NOW LIVE IN IS SUITABLE OR UNSUITABLE?
3	1 TIS BUTABLE
Age should be to the hearest whole year. Use "M" for 4 male and "F" for temate List 8 dependents only	IT IS UNSUITABLE BECAUSE OF
* - -	OR IT IS DISSUTTABLE BECAUSE OF ISsect one or mark below;
- • • • • • • • • • • • • • • • • • • •	2 COMPLETENESS OF UTILITIES
•	4 STRUCTURAL CONDITION
IS YOUR FAMILY LIVING WITH YOU AT THE LOCAL ADDRESS YOU	
GAVE IN ITEM 2"	7 EQUIPMENT
a YES (sap Queenon 9) b MO MAINLY BECAUSE ADEQUATE MOUSING IS NOT AVAILABLE	5 NEIGHBORHOOD
(enemy Question 8) c NO BUT MY FAMILY WILL JOIN ME AT THIS	1 NUMBER OF BEDROOMS
DUTY STATION (anzwer Queenen 9)	
2 NO. MAINLY FOR OTHER REASONS (SRIP QUESTION B)	6 COST
FOR THOSE OF YOU WHO ANSWERED SO OR & AND CONSIDERING YOUR PRESENT SITUATION WOULD YOU CHOOSE?	17 IF YOU OWN OR ARE BUYING A HOUSE OR MOBILE HOME DID YOU CHOOSE MOME OWNERSHIP TO PREVENT SEPARATION FROM YOUR FAMILY?
	T YES
3 MILITARY HOUSING	2 NO
4 CIVILIAN HOUSING	
YOU ARE <u>NOT</u> PRESENTLY ACCOMPANIED BY YOUR FAMILY IN THE REA. YOU MAYE FINISHED THE QUESTIONNAME, PLEASE SIGN YOUR	18 IF YOU OWN OR ARE BUYING A MOBILE NOME AND IN QUESTION 16 YOU MIDICATED IT WAS UNSUITABLE FOR ONE OR MORE REASONS. WHAT DID
AME AND ENTER THE DATE ON LINE 16.	YOU BASE YOUR RESPONSE ON? THE MOBILE HOME ITSELF
HOW MANY BEDROOMS ARE THERE IN THE HOUSING WHERE YOU LIVE?	
	THE MOBILE HOME PARK ONLY
L	3 ВОТН
	19 SIGNATURE AND DATE

1 Jan 80

PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

INSTRUCTIONS

Use a pencil to complete the questionnaire. Print in the answers to the first four questions. For the remainder of the questions, fill in the answer, or place an "X" in the box, as appropriate.

EXAMPLE: How many bedrooms are there in the housing where you live?

3

What is your marital status?

2 X MARRIED

OTHER (Widowed, divorced, single, legally separated)

If you want to change an answer, be sure to erase completely. If a question does not apply to you, skip it and move to the next one.

PRIVACY ACT STATEMENT

FOR

DD Form 1376 (1 Jan 80) - FAMILY HOUSING QUESTIONNAIRE

This statement is provided in compliance with the provisions of the Privacy Act of 1974 (PL 93-579) which require that Federal agencies must inform individuals who are requested to furnish information about themselves as to the following facts concerning the information requested

- 1. AUTHORITY: Annual Military Construction Authorization and Appropriation Acts.
- PRINCIPAL PURPOSE(S) To obtain information to determine whether the programming of military family housing is necessary at an installation.
- 3. ROUTINE USE(S). Used with questionnaire forms filled out by other individuals to assist in determining the need for the programming of military family housing at an installation, and the extent of this need - number of units, rank, and grade types, and bedroom distribution.
- 4. MANDATORY OR VOLUNTARY DISCLOSURE. Voluntary. No effect on the individual if information is not provided. Further, the SSN, which is used for identification purposes, does not have to be disclosed and disclosure or nondisclosure will not affect the questionnaire.

HOUSING COST DATA SHEET - PERSONAL UNIFORMED SERVICES PERSONNEL REPORT CONTROL SYMBO								1001			
This form should not be with 2 years service or 1 are not involved. (NOT)	less, with depende E: Personnel occi	ents, upyir	. or (3) by	y more the	an one mem	re w	of agri	oup sharing t mit this Hou	the same que ing form.)	arters	if dependents
LAST NAME - FIRST NAME	- MIDDLE INITIAL			02] و۔٥		W-1 []	W-2 W-1		0-5 0-6 -4 E-8 E-9
BRANCH OF SERVICE (Chec ARMY HAVY A		LINES		L SECURITY NO. TYPE OF DUTY (Check applicable box) ATTACHE OTHER (Specify)							
ORGANIZATION		-	 								
		1		TH OF N AREA	LENGTH ENT TOU	OF I	PRES-		ATION OF E		No.)
					YEARS		NTHS				
LOCATION OF RE	SIDENCE OVERSE	AS		HOW LO	NG HAVE Y	OU L	IVED	NO. OF DEP	ENDENTS		F DEPEND.
CITY	COUNTRY				PRESENT	DUAR		STATION	OF DUIT		RESIDING WHERE
			7	YPE OF C	UARTERS			·			
PRIVATE LEASE GOVERNMENT LEASE			ROOM				=	URNISHED NFURNISHED	,		
RENTAL GUARANTEE	HOUSING	一	HOUSE			1		O. OF BEDRO			
OWNED BY MEMBER	1	百	TRAILE	£ R		l		D. OF BATHS			
OTHER (Specify)		叵		(Specify)_							
IF YOU LIVE IN RENTAL GUARANTEE HOUSING PROJECT, GIVE NAME OF PROJECT AND NAME OF LANDLORD UNIT DESIGNATION.								-			
IF WITHOUT DEPENDENTS ANYONET (II "Yes", only on	AT YOUR DUTY ST	AT IC	d fill out	OU SHAR! this form.	E YOUR QU	ARTI	ERS WIT		OW MANY O		
	combined expens							bined expend	es should	eque!	eusi
					CCUPANCY						
HOMEOWNERS: Members who Show costs of Initial Occupant reported. Do not include depo- pasted while at this station, av- raport, include all such costs	iHOW COSTS IN LOC icy Expenses in this poits for electricity, von il incurred previ	CAL	CURREN	CY UNLE	SS PAYMEN	T WA	S MADI	E IN U.S. DOL	LLARS	. WILT	NOT be Forms 376 pre-
	· · · · · · · · · · · · · · · · · · ·				IN	INITIAL COST			ESTIMATE OF AMOUNT TO BE RECOVERED		
DESCRIPTION OF	ITEM OR SERVICE		CURED		LOCA! CURREN (Show w	IC Y	0,	U.S. OLLARS	LOCAL CURRENC (Show unit		U.S. DOLLARS
PLUMBING							↓ —			+	
GAS OR ELECTRIC INSTALL	`				 		-}				
SUPPLEMENTARY HEATING PAINTING, PAPERING, PLAS					 		 				
SCREENING	31 ERING						+			-+-	
SHELVING							+-			+	
TELEPHONE INSTALLATION					 		+-			+-	
RANGE, REFRIGERATOR, FI			<u> </u>				+			\dashv	
(Include only when not normal) of item as anticipated upon de	ly furnished in local	I hou	ielng and i	roselo			1				
OTHER (Itemize - Use Remarks block		• 11 s	00 coo sery,	,			1				,
REMARKS: DOES LEASE RE - estimated coets.)	OUIRE REDECORA		G OR RES	STORATIO	N OF PREM	418 E S	UPON	DEPARTURE	LT (II "You"	", item	tee
											:

SECTION B - RECURRING EXPENSES

SHOW COSTS IN LOCAL CURRENCY UNLESS PAYMENT WAS MADE IN U.S. DOLLARS. ONE ITEM MAY BE IN LOCAL CURRENCY, ANOTHER IN U.S. DOLLARS.

- 1. Place check mark in column to denote local currency or U.S. Dollars. If local currency, show unit under month that it applies,
- Show costs for 12 months or as many months as housing has been occupied, if less than 12. Enter year to which month applies. An "X" will
 be entered for each month for which housing was not occupied.
- 3. Amounts will be reported in this section for the month when the bill was received or when the goods were purchased. Amounts will not be prorated. An "O" will be entered for months during which no bills for a particular item were received. Receipts, if available, will be used as a basis for reporting costs. If receipts are not available, accurate estimates will be required.
- 4. State the monthly amount of rent paid for your quarters. If rent includes utilities, maintenance, or other expenses, indicate this fact.
- Maintenance and repairs will include minor repair expenses only which you are obligated by law or lease to make. Major items such as
 plastering, painting, rewiring and acreening, will be reported under Section A Initial Occupancy Expenses.
- 6. Report taxes required by local law or custom to be paid by the tenant. Specify name of tax. Do NOT report sales taxes.
- 7. If you pay an amount which covers both feed and housing, estimate amount for food and amount for housing in remarks section below,
- S. HOME OWNERS are to complete Section B in its entirety. Show on "RENT" line, an estimate of the current "FAIR MARKET" rental value of

_ your qu	ertere.													
79W QU	(Check LOCAL CUR- RENCY	U.S. DOL- LAPS	JAN 19	FEB	MAR 19	APR	MAY	JUN 19	JUL 19	AUG	SEP	ост 19	NOV	DEC
RENT														
ELEC- TRICITY														
GAS														
KEROSENE														
FUEL OIL														
COAL														
WOOD														
WATER														
GARBAGE DISPOSAL														
MAINTE- NANCE & REPAIRS														
TAXES (Explain)														
						_					·			
OTHER (Explain)														

SECTION C - CERTIFICATION

I CERTIPY THAT THE INFORMATION APPEARING MEREON IS TRUE, COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

FOR USE OF REVIEWING OFFICER

REVIEWED BY: (Signature)

REMARKS

		NDIVIDL	JAL fore co	OVERSEAS H	OUS	ING ALLOWA	ANC	ONTROL SY	MBOL 7				
PART A - IDENTIFICATION A													
1. 50	RVICE	MEMBER					3. 50	RVICEMEMBER'S RESIDENCE ADDRESS	(Street, Apt	No., City, Cour	rtry)		
a. N.	AME (L	ast, First, Middle	Initial)										
b. P/	b. PAY GRADE C. SSN						4. EFFECTIVE DATE OF LEASE/RENTAL/SALE AGREEMENT (YYMMDD)						
d. D	UTY LO	CATION OF	ном	EPORT			5. IA	WHAT CURRENCY IS YOUR RENT OR	MORTGA	GE PAID?	X One)		
(1) 5	tation	Name					a. LOCAL CURRENCY (Specify name of currency. Report amount in Item 6.)						
							├─	b. U.S. DOLLARS					
(2) City						THE APPROPRIATE BOX TO IND							
(3) Country (4) Duty Phone					RENTAL AMOUNT OR THE PURCHASE PRICE IN THE CURRENCY YOU SPECIFIED IN QUESTION 5.								
2. ARE YOU ENTITLED TO A COST-OF-LIVING OR OVERSEAS HOUSING ALLOWANCE FOR DEPENDENTS RESIDING ELSEWHERE? (x one)								LEASED/RENTED (Enter monthly rent belonot your share.)	ow If sharin	g, report TOTA	L rent,		
		ES (Specify loc		BLE				OWNED (Enter original purchase price. Incl. closing costs, taxes, etc.)	lude only cas	t of home, EX(⊒.UD€		
			Н	OMEOWNERS,			ID G	DIRECTLY TO QUESTION 8.					
7. A	RE UTI ND FO GREEM	LITIES AND R BY YOUR IENT?	SERVE	CES (EXCLUDING T NORD AS PART O	ELEPH F YOU	ONE) PROVIDED/ IR RENTAL/LEASE	8. T	D DETERMINE IF YOU ARE A "SHAI DWANCE PURPOSES, ENTER AN X IN ACH CATEGORY OF INDIVIDUAL OCCUI	RER" FO	R HOUSING	G AL-		
	a. N	O, NONE PR	OVIDE)			F SA	OR EACH CATEGORY YOU X, ENTER T I THE BOX AT RIGHT, THEN RECORD T THE BOTTOM.(NOTE: Do not count o	THE NUM	BER REOU	ESTED		
b YES, ALL UTILITIES PROVIDED							X	(category c)			11		
c SOME UTILITIES PROVIDED (X utilities and services your landlord provides the MAJORITY of)						your landlord provides	b SPOUSE WHO IS ALSO A SERVICEMEMBER (Enter *1")						
	(1) Electricity						c. SPOUSE OR OTHER DEPENDENT WHO IS A FEDERAL CIVILIAN EMPLOYEE ENTITLED TO A LIVING QUARTERS ALLOWANCE (Enter number)						
		(2) Heating]				d OTHER SERVICEMEMBERS ENTITLED TO A HOUSING ALLOWANCE (Enter number)						
		(3) Air con electricity		ng (x if window units	used .	and landlord provides	e EXCLUDING DEPENDENTS, ANY OTHERS NOT COVERED ABOVE WHO PAY A PORTION OF THE RENT, MORTGAGE, AND/OR UTILITIES (Enter number)						
		(4) Water o	or Sewe	r			TOTAL (8a through e) If result exceeds "1", you are considered a "sharer"						
		(5) Trash di	sposal				9. IF BLOCK 8.b. OR 8.d IS MARKED, REPORT THEIR SOCIAL SECURITY NUMBER(S) AND BRANCH OF SERVICE IN "REMARKS" BELOW.						
						PART B - R							
4.5						PART C - CER	_						
		MEMBER. 1		/ that: .rted is true and cori	ect.		11.	OUSING REFERRAL OFFICE (HRO) or AI	PPROPRIA	ATE OFFICIA	NL		
b. Iv	vill imr	nediately inf	form m	y commanding offic		ny changes occur		I have reviewed and verified the m			l/sale		
		formation I to the dictions of			ale agr	eement (or certifi-	agre	ement and information from it was prop	erly repo	rted.			
				using lease/rental/si and correct, if appli using allowance bri			a Si	SNATURE					
	NATU		thorize	ed representative, if	applic	able.	b. Ti	TLF	1	DATE SIG	NED		
		ORIZING OFF nce briefing						applicable to this action, member has re ty to report any changes.	ead the ov	verseas hou	ising		
a TY	PE HO	USING ALLO	OWANG	E ACTION (x one)			b Ef	FECTIVE DATE OF ACTION (YYMMDD)					
	(1) St.		L	(3) Stop	<u> </u>	(5) *Cancel	<u> </u>						
	(2) Ch	ange	<u> </u>	(4) Correct	•==	(6) *Report r Air Force use only		DES MEMBER HAVE COMMAND-SPONS PENDENTS?	ORED	(1)			
d Si	SNATU	IRÉ				MIT POICE USE ONLY	e. Ti			f DATE SI			
							1						

Privacy Act Statement

AUTHORITY:

Title 5 and Title 37 U.S. Code; EO 9397 of November 23, 1943.

PRINCIPAL PURPOSE: To determine eligibility for, to start, adjust or terminate Overseas Housing Allowance.

ROUTINE USE:

In addition to being used by officials and employees of the applicant's military service in determining allowance eligibility, the information provided herein is routinely provided to law enforcement personnel investigating those suspected of fraudulently obtaining allowances. Information may also be disclosed under certain circumstances to other DoD components, other Federal agencies, members of Congress, State and local government, U.S.

and State courts. Social Security Number (SSN) is used for positive identification.

DISCLOSURE:

Providing the information on this form is voluntary. Failure to provide the information will result in an ineligibility for an allowance determination. This form will not be processed

without your social security number.

WARNING:

Making a false statement or claim against the U.S. Government is punishable by courts-martial. The penalty for willfully making a false claim or a false statement in connection with claims is a maximum fine of \$10,000 or imprisonment for five years, or both.

		MILITARY PAY ORDER		MILITARY PAY ORDER NO				
ORGANIZATION AND STATION				DATE				
TO DISBURSING OFFICER: YOU ARE HEREBY A	UTH ORI ZED T	O OPEN, ADJUST OR CLOSE, AS INDICATED, THE P	AY RECORDS OF THE INDIVI	DUALS LISTED BELOW.				
					YEAR			
SERVICE NUMBER AND SSAN	LAS	T NAME — FIRST NAME — MIDDLE INITIAL	REASC	ON FOR CHANGE	FROM-	TO-		
					PROW-	10-		
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]			
Si MBOL NO (Entered by D	0,	TYPED NAME AND GRADE OF CERTIFYING OFF	CER	SIGNATURE OF CERTIFYING OFFI	CE R			
	·	2						

HOUSING ALLOWANCE DOCUMENT AND CERTIFICATE REPORT CONTROL SYMBOL:										
(Regulation to be inserted)										
TYPE OF ACTION		START	CHANGE	<u> </u>	CORR	ECT	STOP	EFFECTIVE DA	TE.	
			PRIVACY	ACT S	STATEMEN	Г				
AUTHORITY: Title 5 and 37 U. S. CODE										
PRINCIPAL PURPOSE: To determine eligibility for, to start, adjust, or terminate variable housing allowance, oversea housing allowance and determine housing requirements and resources.										
ROUTINE USE: In addition	to beir	g used by offic	cials and emp	oloyees	of the applic	ant's mili	tary service in o	determining allo	owance	
ROUTINE USE: In addition to being used by officials and employees of the applicant's military service in determining allowance eligibility, the information contained herein is routinely provided to law enforcement personnel investigating those suspected of fraudulently obtaining allowances. Under certain circumstance information may also be disclosed to other DOD components, Federal agencies, members of Congress, State and Local governments, U.S. and State courts. Social Security Number (SSN) is used for positive identification.										
DISCLOSURE: Providing the information on this form is voluntary. Failure to provide the information will result in an ineligibility for an allowance determination. This form will not be processed without your social security number.										
WARNING: Making a false statement or claim against the U.S. Government is punishable by court-martial. The penalty for willfully making a false statement inconnection with claims is a maximum fine of \$10,000 or imprisonment for five years or both.										
	PART	I - IDENTIFICA	TION AND H	OUSING	INFORMATI	ON (Part	I to be completed	by Service Merat	oer)	
1 NAME (Last, First, M.I.)			2. PAY G				al, Include ZIP Cod		······································	
			ĺ							
4 SSN 5	DUTY	STATION NAME:		6. CITY	AND STATE		7 COUNTRY	[8 DU	ITY TELEPH	IONE
				L						
9 DO YOU HAVE DEPENDENTS YES NO		10. ARE YOU A	CCOMPANIED YES		NDENTS?	11 DEPE	NDENTS ADDRE	SS (If other than I	block 3 abo	ve)
	DENDE					<u></u>				
12 IF NOT ACCOMPANIED BY DE BECAUSE ACCEPTABLE HOU	SING W	AS NOT AVAILA	a, c,	RVICE ME			L SALE AGREEME NOENTS (Comple		filled out)	
TES (_ NO						,,			
14 TO DETERMINE IF YOU ARE CATEGORY OF INDIVIDUAL OCCUPANTS AND THE TOTAL	SHARIN(3 YOUR RESIDEN	ICE. FOR EACI	CE PURP H CHECK	POSES CHECK ED CATEGOR	THE BOX A	AT LEFT CORRESI	PONDING TO THE	R OF	
a MYSELF										1
b SPOUSE WHO IS ALS	O A SE	RVICE MEMBER	NAME		SSI	١	SERV	/ICE		
c SPOUSE OR OTHER D						D TO LIVIN	G QUARTERS ALI	OWANCE		
d OTHER SERVICE MEN										
e EXCLUDING DEPENDE										
1 TOTAL (Do not count of										
				ILITY CO	OMPUTATIO	N (Part II	to be completed	by Service Me	ember)	
15 IF AUTHORIZED HOUSING A	LLOWA	NCE REQUEST IS	BASED ON	_		ја. му	PERMANENT DUT	Y STATION		
b MY DEPE	NDENT	S LOCATION			c BOTH MY	PERMANE	NT DUTY STATION	AND DEPENDEN	NTS' LOCA	RON .
16 a WHAT CURRENCY IS YOU	R MORT	GAGE OF RENT	PAID					_		
US DOLLARS			\cov	AL CURR	ENCY (Specify	& report a	moun's in 16b or	16c)		
16 b. MONTHLY OWNERSHIP E	(PENSE	S			16 c MONT	HLY RENT	AL EXPENSE.			
(1) PRINCIPAL		SELF	C_PENC	ENT	(1) RENT			SELF	DEPEN	IDENT
(2) INTEREST			 _ _ 	-	(2) INSURA	NCE				
(3) TAXES (4) INSURANCE	-		 	+	(3) UTILITIES					
(5) UTILITIES			 	+	(4) OTHER ((5) TOTAL	Specify)				
(6) CONDO FEE MAINT COST	s		 	+			===			
(8) OTHER (Specify)					TUTILITIES,S	ERVICES F	PROVIDED (Check	as applicable)	EL EL	ECTRICAL
(8) TOTAL	-				☐ HEATI	NG 🗀	WATER [SEWER] TRASH [DISPOSAL

THE RESIDENCE OF STREET

PART III - DESCRIPTION OF ACQUIRED HOUSING (Part III to be completed by Service Member)								
17. IS ACQUIRED HOUSING PERMANENT? 18. IS ACQUIRED HOUSING ACCEPTABLE? 19. NUMBER OF BEDROOMS.								
YES NO	YES	□ NO						
20. TYPE OF HOUSING:	HOUSE T	APARTMENT C DUPLEX						
a. HOUSE b APARTMENT c. DUPLEX								
d. MOBILE H	OME	e. TOWNHOUSE f. MOBILE HOME PARK						
21. IF ACQUIRED HOUSING IS UNACCEPTAB CHECK MARK	BLE, INDICATE REASON BY	22. DID YOU ENCOUNTER DISCRIMINATION? (If yes, complete item b. below).						
a. TOO EXPENSIVE	f NO ELECTRICITY	☐ YES ☐ NO						
b. UNSAFE	g. NO HEAT	a TYPE OF DISCRIMINATION						
c. NO POTABLE WATER	h. NO HOT WATER	RACE COLOR SEX RELIGION						
d NO FLUSHABLE TOILET	I. UNSANITARY	☐ AGE ☐ NATIONAL ORIGIN ☐ HANDICAP						
e. TOO FAR FROM POST (One-way commute)	J. NOT ENOUGH BEDROOMS	TAGE TOTAL CALOTTE						
MILES MINUTES	k. NO SHOWER OR BATH	b WHO DISCRIMINATED? 'Give establishment or address)						
	I. OTHER							
	PART IV - SERVICE MEM	BER'S CERTIFICATION						
23 I CERTIFY THAT:								
THE INFORMATION I HAVE REPORTED I	IS TRUE AND CORRECT.							
		VE FOR MORE THAN 30 DAYS, OR IF MY DEPENDENTS. (If applicable) AYS, OR (b) ANY CHANGES OCCUR IN REGARDS TO THE INFORMATION I HAVE						
I HAVE READ THE OVERSEAS HOUSING BRIEFING SHEET PROVIDED BY MY COMMANDER OR AUTHORIZED REPRESENTATIVE, (if applicable) I FULLY UNDERSTAND THE CONDITION OF ENTITLEMENT TO HOUSING ALLOWANCES AND AM AWARE THAT I MUST RECERTIFY MY ENTITLEMENTS ANNUALLY								
OR ON REQUEST. THE ATTACHED COPY OF MY HOUSING LEASE/RENTAL/SALE AGREEMENT (OR CERTIFICATION FROM LANDLORD) IS TRUE AND CORRECT								
THE REPORT OF THE PRODUCTO ELABORITATION AND CONTROL TO CENTROLATION FOR THOSE DAYS CONTROL TO CONTROL TO CONTROL TO CONTROL TO CENTROLATE OF								
SIGNATURE DATE								
PART V - VERIFICA	ATION / APPROVAL (To be com	pleted by Housing Officer and Approving Officer)						
		VICE MEMBERS LEASE/RENTAL SALE AGREEMENT AND INFORMATION FROM						
SIGNATURE	TITLE	DATE						
SIGNATURE	, ince	DATE						
25. APPROVING OFFICER I HAVE REVIEWE AWARE OF HIS/HER ENTITLEMENTS AN		SERVICE MEMBER HAS READ OVERSEAS HOUSING BRIEFING SHEET AND IS						
SIGNATURE	TITLE	DATE						
PART	VI - VHA COMPUTATION (TO	be completed by Finance Office only)						
26 VHA ELIGIBILITY COMPUTATION								
a BAQ OR		h ENTER AMOUNT FROM 26d						
b FSA TYPE I		ENTER AMOUNT FROM 26g						
c VHA _		SUBTRACT 26i FROM 26g						
d TOTAL (Enter in 26h)		k ENTER AMOUNT FROM 26c						
e HOUSING COSTS		SUBTRACT 50% OF 261						
! UTILITIES:MAINT: TENANCE EXPENSE	<u>:</u>	1 SUBTRACT 26I FROM 26k						
g TOTAL (Enter in 26i)		(This is the VHA entitlement)						
IN amount in 35- a section than 35- and 570's	D HEDE							
(If amount in 26g is greater than 26d STO)	r nerej							

VHA CERTIFICATE

VHA C	Enii	FICATE		CHANGE E	ff Date				
(To be completed by member)		PART I - IDENTIFICATION	IND HOUSING INFORMATION						
1. Service Member a. NAME (Last, First, Middle I	n(tial)		2, Member's Residential	Address (Stree	t, Apt No. City, (County, and St	ate)		
b. Pay Grade	c. Social Securit	y Number	Dependent's Residential Address (Street, Apt No. City, County, and State) (If other than block 2 above)						
d. Duty Location or Homeport	<u></u>		til dene. then dider						
(1) Station Name			4. Effective date of Lea	se/Rental/Sale	Agreement (YYMMD)	·			
(2) City and State		(3) Duty Phone	a. Member's		b. Dependent's (is filled out	Complete if b	10cx 3		
		in the appropriate box at t umber of individuals in that			occupying your re	sidence. For	each		
b. Spouse who is also a Se (Enter 1 and provide th	1			SSN		Service	十		
data indicated.)	ot who is a Federal	civilian employee entitled	to a living quarters allo	wance. (Enter	1)	<u> </u>	+		
d. Other Servicemembers en e. Excluding dependents, a	titled to basic all ny others not cover	owance for Quarters (Enter t ed above who pay a portion o Do not count dependents unle	otal number). f the Rent, Mortgage, and	I/or utilities	(Enter total numbe				
considered a "sharer". 6. Expenses. If authorized,			ss covered by category c.	it the result		<u> </u>	<u> </u>		
my permanent duty sta	tion; my depe	ndent's location; Dob	h my permanent duty stati	ion and depende	nt's location.				
a. Monthly Ownership Expenses:			b. Monthly Rental Expen	ises:					
(1) Principal		<u> </u>	(1) Rent			!			
(2) Interest			(2) Insurance						
(3) Taxes			(3) Other (Specify)			!			
(4) Insurance		1							
(5) Other (Specify)		1	Totals		-				
Variable Housing Allowance (VH.			L		·				
rent a member pays, not to exc notify command/personnel/disbu- maximum imprisonment of five you I certify that I fully underst affecting my entitlement occur	eed the maximum VHA rsing officer as so ears, or both (18 U and the conditions	payable. If changes occur on as possible. The penalty .S. Code, Section 2871. of entitlement to VMA and my	in residency, dependency, for making a fraudulent responsibility for promp	number of mem claim/statemen ctly notifying	bers sharing rent, t is a maximum fin appropriate office	, or monthly r se of \$10,000.	ent. 00 or		
		(Signature)			(Date)				
(To be completed by Personnel/	Admini	PART [] - C	OMPUTATION						
7. YHA ELIGIBILITY COMPUTATION Colum				Column B					
a. BAQ			h. Enter amount from To	1.			-		
b. FSA TYPE-I			1. Enter amount from 7).			_		
C. VHA			j. Subtract 71 from 7h.		ence.		-		
d. TOTAL	(E	nter total in 7h)	 Enter amount from 7. Subtract 50% of 7j. 	τ.			-		
e. Housing Costs			m. Subtract 71 from 7k.	. Enter differ	ence.		_		
f. Utility/Mainte- nance Expense			This is the member'				-		
g. TOTAL	(£	nter total in 71)							

If amount in 7g is greater than 7d, Stop here.

AUTHORIZATION TO START, STOP, OR CHANGE BASIC ALLOWANCE FOR QUARTERS (BAQ), RENT PLUS, AND/OR VARIABLE HOUSING ALLOWANCE (VHA) AUTHORITY 37 USC 403, Public Lau 96 343, EO 9397. PRINCIPAL PURPOSE(S)—To start, adjust, or terminate military member's entitlement to basic allowance for quarters (BAQ), rent plus, and/or variable housing (VHA) allowance. **TINE USES—To adjust member's military pay record, information may be disclosed to AF components, such as AFAFC, major commands, and other fallotions; to other DOD components such as Army and Nawy, other Federal agencies such as IRS, Social Security Administration and VA, GAO, men Congress. State and local government, US and State courts, and various law enforcement agencies. Social Security Number (SSN) is used for positive DISCLOSURF IS VOLUNTARY. Nondisclosure may result in nonpayment of BAQ, rent plus, and/or VHA. Disclosure of your SSN is coluntary. However, this form will not be processed without your SSN because the Air Force identifies you for pay purposes by your SSN. SOCIAL SECURITY NUMBER GRADE NAME (Last, First, MI. TYPE OF ACTION DATE OF ACTION DUTY LOCATION (Include Station, Name, City, BAQ TYPE START CANCEL State, and ZIP Code) (YYMMDD) WITH DEPENDENTS CHANGE REPORT PARTIA WITHOUT DEPENDENTS CORRECT STOP MARTIAL/DEPENDENCY STATUS QUARTERS ASSIGNMENT/AVAILABILITY ASSIGNED ADEQUATE SINGLE QUARTERS MARRIED - SPOUSE A MILITARY MEMBER? TYES NO QUARTERS NOT QUARTERS NO AVAILABLE IF YES, SHOW SPOUSE'S SSN: _ SPOUSE'S STATION OF ASSIGNMENT ... ASSIGNED INADEQUATE ELECTION (Member in DATE OF MARRIAGE ouv grade F.7 and above QUARTERS DIVORCED . LEGALLY SEPARATED . IS FORMER SPOUSE A MILITARY MEMBERS QUARTERS NO ON IF YES, SHOW FORMER SPOUSE'S SSN ... VES COMMANDER DETERMINATION FAIR RENTAL VALUE FORMER SPOUSE'S STATION OF ASSIGNMENT ... Mached DATE OF DIVORCE/SEPARATION TERMINATION DATE ASSIGNED TRANSIENT DEPENDENT CHILD - CHILD IS IN CUSTODY OF THEMBER, SPOUSE, FORMER SPOUSE, COTHER. (If other, use DD Form 137 to establish dependency). DO YOU OR YOUR SPOUSE RECEIVE CHILD SUPPORT FROM A MILITARY MEMBER, TYES ONO то . IF YES, SHOW MEMBER'S NAME/SSN/LOCATION. DEPENDENTS/SHARERS (Continue on back if required) RELATIONSHIP DOB OF CHILDREN NAME OF DEPENDENT: SHARER COMPLETE CURRENT ADDRESS (Include ZIP code) CERTIFICATION OF DEPENDENCY SUPPORT I certify that I provide, or am willing to provide adequate support (see AFR 35-18) for the above named dependents. I am aware that failure to support the above named dependents may result in stopping BAQ and recouping BAQ for any prior periods/nonsupport CERTIFICATION FOR MEMBER ASSIGNED TO CONUS (VHA) I certify that the above is the correct duty location for the purpose of claiming an entitlement to VHA CERTIFICATION FOR MEMBER ASSIGNED OVERSEAS (VHA) I certify that the above is my dependent's address to be used for claiming an entitlement to VHA. I further understand that I will report any change of dependent's residence immediately to the Accounting and Finance Office (AFO) CERTIFICATION FOR MEMBER OVERSEAS ENTITLED TO HOUSING ALLOWANCE (RENT PLUS) I certify that my rent is _____ ___(stated in currency paid) being paid in ____ __(currency in which rent is paid) and utilities are/are not thine one out) included in my rent. I am sharing with ___ military/Federal member(s) and rent stated is my share. My rental lease expires ___ Rental address is: Landlord's name, address and telephone No: .. I further understand that I will report any changes immediately to the Air Force (AFO and HRO). I will immediately notify the AFO of any change in the status of the dependents claimed above, such as divorce, marriage, death, living in Government quarters, enlistment in the military service, etc. I certify that the information given regarding this authorization is correct. IMPORTANT Making a false statement or claim against the US Government is punishable by courts-martial. The penalty for willfully making a false claim or a false statement in connection with claims is a maximum fine of \$10,000 or imprisonment for 5 years, or both. DATE SIGNATURE CERTIFY THAT I HAVE REVIEWED REQUIRED EVIDENCE AND ESTABLISHED DEPENDENCY OF MEMBER'S PRIMARY DEPENDENTS. I CERTIFY THAT DOCUMENTATION TO SUPPORT PAYMENT OF BAQ TO MEMBER WITHOUT DEPENDENTS IS ON FILE I CERTIFY THAT DOCUMENTATION TO SUPPORT PAYMENT OF HOUSING ALLOWANCE (VHA OR RENT PLUS) HAS BEEN REVIEWED SIGNATURE OF CERTIFYING OFFICER

AUTHORITY: 37 U.S.C. 403a, Public L PURPOSE: To start, adjust or terminate ROUTINE USE(S): Information may be members, Social Security Administration information, and the Department of Justi information concerning the needs of the dependents in emergency situations and j companies for allotment information and DISCLOSURE IS VOLUNTARY: Failu	e a military me e disclosed to e n for informat ice for investig nember or dep for verification I financial ins ure to provide	ember's entitlement to other DOD agencies for ion on FICA tax deduct gating or prosecuting it bendents in emergency on of loan applications, titutions for deposits a	VHA. pay-related matter; ted, Department of V iolations and possib situations, the Air Fi state and local gover ndor payments. ting Social Security	Veterans Affairs for edile violations of law; the orce Aid Society to determents for tax and we Number (SSN) may re	ucational and g e American Rec ermine needs of lfare purposes,	group life i d Cross for fa member insurance	nsurance r r or
NAME (First, Last, MI)	1,600,6	- ioen in text ion, or	J. TOSAHOH, WA	ISSN		GRADE	
	 						
DUTY LOCATION					DUTY PHONE		
MARITAL STATUS (Check one) SINGLE MARRIED TO A CIVILIAN LEGALLY SEPARATED DIVORCED HAVE AN EX-SP				h of service, station and ervice, station and date			
	PART B	- BASIC ALLOWANCE	FOR QUARTERS (BA	Q) INFORMATION			
I am currently drawing BAQ at the on behalf of a child of whom I hav to VHA) on behalf of a child in m of a member, provide that member's na	e joint custod y custody	y (If so, child must be on behalf of a child i	n your physical custon custody of someor	•	onsecutive da	ys to be er	ntitled
		PART - C - HOUSI	NG EXPENSE DATA				
MEMBER'S ADDRESS (City, state, and ZI			DEPENDENT'S AD	DRESS, IF DIFFERENT	(City, state, ZI	P code)	
MONTHLY HO	USING EXPE	VSES		SHARING STA	TUS		,
	MEMBER	DEPENDENTS (If dual expenses)	ENTER NUMBER	IN EACH CATEGORY T	HAT APPLIES	MBR	DEPN
a. RENT PAYMENT		1		cluding spouse) entitle	ed to i OA		
6 MORTGAGE PAYMENT (PITI)				MBERS (include spous			
c. MOBILE HOME LOT FEES			d OTHERCIVILIA	ANS (excluding depend	tentel WHO		
d TOTAL (a-c)				HOUSEHOLD EXPENS			
MEMBER'S LANDLORD'S NAME, ADDRE	SS & TELEPHO	ONE	DEPENDENT'S LA	ANDLORD'S NAME, AD	DRESS & TELE	PHONE (1)	different)
		PART D - MEMB	R CERTIFICATIONS				
I CERTIFY THAT THE ABOVE IS MY (I understand that my failure to comply a false statement or claim against the L false statement in connection with a cladependent's status or residence, as welfinance Office (AFO). I also understand indebtedness retroactive to the date the	with applicably Sovernme aim, is a maxill as any chanil that my fails	s ADDRESS TO BE USE le requirements may int is punishable by coi more of \$10,000 ges in my housing arra ure to comply with ap it became erroneous	esult in cancellation int martial, and that or imprisonment for ingements (i.e., shar propriate requireme	n of my VHA Furthern the penaity for willfu 5 years, or both 1 will ters, location), immedi	nore. I underst Ily making a fa I report any chi ateix to the Ac	ilse claim, anges of counting.	or a and
			USE ONLY	. 			
START CHANGE CORRECT WITHOUT DEPENDENT VHA WIT	H DEPENDENT			THE INFORMATION ON THE MEMBER'S CLAIM		DOCUME	NTED
TITLE OF CERTIFYING OFFICIAL	SIGNAT	URE	C	OFFICE ADDRESS		DATE	

APPLICATION AND AUTHORIZATION TO START, STOP OR CHANGE BASIC ALLOWANCE FOR QUARTERS (BAQ) OR DEPENDENCY REDETERMINATION PRIVACY ACT STATEMENT AUTHORITY: 37 USC 403, Public Law 96-343, E.O. 9397. PURPOSE: To start, adjust, or terminate military member's entitlement to BAQ. BOUTINE USE(S), information may be disclosed to the internal Revenue Service for tax information on members Social Security Administration or Information on FICA tax deducted, Departm ROUTINE USE(S), Information may be disclosed to the internal Revenue Service for fax information on members Social Security Administration or Information on FICA tax deducted, Department of Veterans Affairs for education and group life insurance information, and the Department of Justice for Investigating or prosecuting violations and possible violations of law, the American Red Cross for Information concerning the needs of the member or depandents in emergency situations, the Alf Force Aid Society to determine needs of a member or depandents in emergency situations and for verification of foan applications, state and local governments for tax and welfare purposes, insurance companies for allotment information and financial institutions for deposits and/or payments. DISCLOSURE: Voluntary. However, failure to provide all Information Including Social Security Number (SSN) may result in nonpayment of BAQ. PART A - IDENTIFICATION & DUTY LOCATION HOUSING OFFICE or BILLETING OFFICIAL NON-AVAILABILITY/ASSIGNMENT/TERMINATION OF QUARTERS 1. NAME (Last, First, MI) QUARTERS ARE NOT ASSIGNED L DATE: ADEQUATE QUARTERS ASSIGNED 2. SSN 3. GRADE 4. PHONE TERMINATED EFFECTIVE DATE: UNIT # 5. DUTY LOCATION (Base, State, ZIP Code or Country) INADEQUATE QUARTERS **ASSIGNED** TERMINATED **EFFECTIVE DATE:** UNIT # PART B - MARITAL/DEPENDENT STATUS TRANSIENT QUARTERS OCCUPIED - UNIT # EFFECTIVE DATES FROM: TO: 6. SINGLE, NO DEPENDENTS L. SINGLE, CLAIMING DEPENDENT(S) TITLE MARRIED - SPOUSE IS A CIVILIAN MILITARY MEMBER IF MILITARY SPOUSE - NAME, SSN, BRANCH OF SERVICE, STATION AND DATE SIGNATURE OF MARRIAGE: DATE DIVORCED LEGALLY SEPARATED (Date) (Date) THE FULL AMOUNT OF WITH-DEPENDENT RATE BAQ OR \$.00 PER MONTH FOR DEPENDENT'S SUP-7. NON-CUSTODIAL PARENTS: I PAY PORT BASED ON a. DIVORCE DECREE, b. COURT ORDER, c. LEGAL SEPARATION AGREEMENT OR d. WRITTEN AGREEMENT WITH CHILDS'S CUSTODIAN CLAIM BAQ FOR THE DEPENDENT | IN | NOT IN MY CUSTODY LISTED BELOW (Effective Date): NOTE: Indicate the civilian dependent you are claiming and the relationship (i.e., spouse, legitimate, illegitimate, incapacitated, adopted, step-child or parent). If dependent is a child include date of birth (DOB) (a) NAME (Last, First, MI) (b) ADDRESS, CITY, STATE, ZIP or COUNTRY (c) RELATIONSHIP (d) DOB IF DEPENDENT NAMED ABOVE IS A CHILD WHOSE OTHER PARENT IS A MILITARY MEMBER, OR THE SPOUSE OF A MEMBER PROVIDE THE FOLLOWING NAME BRANCH OF SERVICE STATION PART C - MEMBER'S CERTIFICATION (For members with dependents) 🔲 I certify that I provide adequate support (see AFR 35-18) for the dependents named above. I am aware that failure to adequately support the above named dependents will result in stopping BAQ, and recouping allowances paid for any prior periods of nonsupport. CERTIFICATION FOR MEMBERS RECEIVING BAQ FOR SECONDARY DEPENDENTS (Parent, adopted, illegitimate, incapacitated child or step-child) I certify that this is my first application YES NO. If no, give date your last application was filed. I understand that my failure to comply with the applicable requirements may result in cancellation of my BAQ. Furthermore, I understand that making a false statement or claim against the US Government is punishable by court martial and that the penalty for willfully making a false claim, or a false statement in connection with a claim is a maximum fine of \$10,000 or imprisonment for 5 years, or both. I will report any changes of dependent's status or residence, as well as any changes in my housing arrangements immediately to the Accounting and Finance Office (AFO). I also understand that my failure to comply with appropriate requirements may cause involuntary collection of any resulting indebtedness retroactive to the date the entitlement became erroneous. MEMBER'S SIGNATURE DATE OFFICIAL USE ONLY WITH WITHOUT START CHANGE CANCEL REPORT STOP PARTIAL DEPENDENT **DEPENDENCY DETERMINATION:** I have determined that the above named individual is dependent on the member based on being spouse, single member claiming legitimate child in custody of another, legitimate child in single members custody, parents, stepchild, adopted child, incapacitated child, illegitimate child or child, member to member marriage. I have determined that the above named individual is not dependent on member or eligible to be a dependent of member. Reasons for disapproval are noted here. I have reviewed documents that support claim that member is E-7 or above and no military necessity requires the member to reside on base. TITLE OF CERTIFYING OFFICIAL SIGNATURE OFFICE ADDRESS DATE

PREVIOUS EDITION IS OBSOLETE

AFO COPY

AF Form 594, NOV 90

RECERTIFICATIO	ON STATEME	NT FOR BASIC ALLOW AS HOUSING ALLOW AND FAMIL	VANCE FOR	QUARTERS (BAQ A), COST OF LIVING TION ALLOWANCE), VARIA	WANCE (C	SING A	LLOWAN	ICE (VHA),
AUTHORITY: 97 USC 403, 403a, 405, and 427; E.O. 9397. PURPOSE: To recertify or update entitlement to BAQ, VHA, OHA, COLA, and FSA. ROUTINE USES: Data collected on this form becomes part of the Joint Uniform Military Pay System (JUMPS), and may be routinely declosed in accordance with the record system notice for JUMPS that appears in AFP 12-36. Routine users of JUMPS data include, but are not limited to, the internal Revenue Service, Social Security Administration, Veterane Administration, and State and local governments. DISCLOSURE IS VOLUNTARY: NOTE: Making a false statement or claim against the US Government is punishable by court martial. The penalty for withuily									
NOTE:	making a false 5 years, or b payments.	e statement or claim age claim or a false stater oth. Falling to recertify - IDENTIFICATION, \$	dependents	ection with a claim is and/or expenses you	a maxim vi olaim wi	um fine of 1 I stop BAQ	10,000 , VHA,	or impriso OHA, FS	onment for
1. NAME (Last, First,		- IDEIVINIOANION,	2011 2001		2. 86				. DUTY PHONE
5. MEMBER 8 RESIDE	INCE (Street, Apr	t. No., City, State & ZIP Co	de or Country)		6. DUT	Y STATION (Base, Str	ate, ZIP Co	de or Country)
7. I RESIDE IN: (Chec	k ane) DORW	ETORY FAMILY HOUSE	KG TEMPO	RARY LODGING FACILIT	nes 🛘 c	ONTRACT QU	ARTERS	OFF B	ASE
8. MARITAL STATUS	(Check one)	BINGLE BINGLE CLAR	ANG DEPENDE	NT DIVORCED []	LEGALLY	SEPARATED	□ ww	RAIED TO	A CIVILLAN
MARRIED TO A	MILITARY MEM	BER (Branch of Service, Sta	ition)						
9(a). SPOUSE'S NAM	E			(b). SSN (if military s	spouse)	(c). DATE	OF MARE	NAGE TO C	CURRENT SPOUSE
10(a). DEPENDENT'S	NAME	(b) BSN (H known)	(c). RESIDEN	CE (Address, City, Stat	te, ZIP cod	e, or Country)	(d). A	ELATIONS	(e) DOB of
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	_	because I pay child support							
		ot currently receive OH.	A or VHA			MONTHLY MBER	HOUS	DEP	ENDENT8
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g. Total of lines (b	<u></u>								
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13 RESIDENCE SHAR	NG STATUS	· 					ENTER	NUMBER	EFFECTIVE DATE
a. MEMBER b. Enter "1" If you hav	e civilian spouse	entitled to LIVING QUARTER	S ALLOWANCE	E (OHA only)			1		
c. Enter number of oth 86N included in 9b o		rs, including spaces if milita	My. (Write ner	ne and SSN in Section #	/16- Militar	y spouse			
d. Enter total number (e. Total of lines (a) th		ding dependent(e)) who cont	ribute to the re	ntal or ownership expens	es of your	residence			
M CERTECATOR O	LAELMEN	PART C - CERTIF	CATIONS	Check all applicable	boxes)				
a. BAQ: I certify that: GENERAL		a PCS move, I have not occ	upled transient	guarters for more then 7	ooneecuth	ve days.			
_	popupled adequate	s family quarters. If any bio				-	low.		
I provided as adequate go FOR DIVORCE	Sequete support & vernment family of ED OR LEGALLY:	or my dependents since my li quarters during this pariod. (BEPARATED MEMBERS	If they did accu	py family quarters, provi	ide the dat	se of occupan	My depen by in sect	idents did n tion 16 belo	ot occupy w.)
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expenses or sharing stat	lus that may doos	s in my staus such as divorce. The attached copy of make reported is true to the bi	e. esperation, y housing lease.	marriage, death, depend frontal/sale agreement (c	lente enlisti or certifica	ment in servicition from land	e, and ar llord) to ti	ny changes rue and con	in my housing rect, if applicable
SIGNATURE OF MEMBE								DATE	-

mousing Reference Office (RRO) or APPROPRIATE OFFI ment and information from it was properly reported.	CIAL - I have reviewed and vermied the member's lease/rent	ai/ purchase agree-
AME AND TITLE	BIGNATURE	DATE
FOR	AFO USE ONLY	
I certify that I have reviewed the member's supporting document		
AME AND TITLE OF CERTIFYING OFFICIAL	BIGNATURE	DATE
START CHANGE CORRECT CANCEL REPORT	STOP EFFECTIVE DATE (YYMMOD)	
PARTIAL BAQ WITHOUT DEPENDENT BAQ WITH DEP	PENDENT BAQ CYERSE*9 HOUSING ALLOWANCE WITH	OUT DEPENDENT VHA
WITH DEPENDENT VHA FSA FSA COLA	FOR DEPENDENTS COLA FOR SELF	
AFM 177-373, Volume I requires military members to recertific form and return to your Accounting and Finance Office (AFO the preparation of the recertification form. The information at you have any questions about how to complete this form or local AFO for assistance. Sign the reverse of the original in the contraction of the contract	TIONS TO MEMBER y BAQ, FSA, VHA, OHA and COLA. Please complete your y within 30 days of recept. These instructions are provided and instructions should not be used as a guide to the entitlem you are unsure of your entitlement eligibility, you should cal block 15.	recertification to assist you in ent requirements. I or visit your
 MEMBER'S RESIDENCE - If you had a PCS move since la country; the length of time in residence and date you moved of permanent residence is different than your current residence. 	ust recertification, note your prior residence, city, state, ZIP out, in the remarks section or on a separate sheet of paper.	code, or
marked "Member". If you and your dependents reside in sep separately whether you are entitled to the VHA amounts or to	o a dual housing allowance.	columns.
 RENT - (For OHA) - Report in the currency in which paid equivalency contract) rather than at a fluctuating rate of excilent of the monthly rent in blocks 13b or 14b. 	hange; in the case of dollar equivalency contracts enter the	U.S. dollar equiva-
 DERIVED RENT (For member who owns or is buying a horeported block 13b and/or 14b is derived by dividing the purch costs, fees for the title search, other related costs in the purms marked "Member" and/or "Dependents". 	me overseas) - If you are purchasing your residence, the "riase price, reported in U.S. Dollars, by 120. Do not include prohase price. Report irent in the currency in which paid. Inc	ent" amount settlement :lude in 12b in col-
5. SHARING STATUS - When other individuals (excluding depend amount that is paid by all sharers, not just the portion parember reports rent of \$500. NOTE: if any changes have catlon or that have not been reported previously to your AFO when you are returning your recentification form.	ald by you. Example: two members share a residence and p occurred in your housing expenses of sharing status since yo	ay \$600. Each ur last (re)certifi-
 COLA - If you are a single member without dependents at or not you receive BAS to determine if you are entitled to full 	nd reside in government quarters (dormitory), you must indic COLA or to the 47% rate COLA.	ate whether
8. REMARKS		
FOOTNOTES: 1. If the dependent child is in the legal custody of another.	, show the following in block 18: dependent's name, name of	custodien.
relationship of dependent to custodian. If the custodian is a 2. Check this box if you are serving an unaccompanied ove	a military member show name, SSN and branch of service in b irseas tour (including Alaska & Hawaii) and neither you nor y	lock 18. our dependents
reside in government quarters, and you receive either OHA to a serial residence of the serial residenc	or VHA (single rate) for yourself and VHA (dependent rate) fo not currently receive VHAIOHA, will ensure payment of housing	r dependents.
in the event you later become eligible. 4. If the number of sharers has changed since the last (re).	certification show date of change.	
5. If your divorce decree or separation agreement does not	require dependent support or if the support required is less that AO rates you may need a written agreement with or on behalf	n the of your
6. If "Other" is checked, explain in box 18 or on a separa		

APPLICATION	FO	R ASSI	GN	MEI	TV	LO P	10U	SIV	1G	Ľ	1. TYPE			DESIRE			
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22. HOUSING DESIRED (x (1) - (12)	s acolic	cable, write in n	umber II	1 (13) an	d (14); n	inte Yes o	r No in (1	15).)		-							
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desire a waiver to reside in c				L	L		<u> </u>							L		_	
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(YYMMDD, Military Only)	marke	ed in Item 4, 00	Form 17	47.)	19. 10	CATION C	# HOUS	iNG (N	lumber, Street,	uty, S	rate, Zip Co	ode)		1			
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APPLICATION FOR ASSIGNMENT TO HOUSING (Continued)

Privacy Act Statement

AUTHORITY:

5 USC 5911 & 5912.

PRINCIPAL PURPOSE: To identify customer needs for assistance and housing requirements.

To initiate housing office action in providing housing for military and eligible civilian personnel.

DISCLOSURE:

Voluntary. However, failure to provide the requested information will result in our inability to

assist you.

GENERAL INSTRUCTIONS

This form provides the Housing Office with more timely and accurate information and will be used to provide you with military and/or community housing. All items not listed are self explanatory. SECTION A (APPLICANT IDENTIFICATION AND FAMILY DATA) and SECTION B (HOUSING DATA) are to be completed by the applicant. Information on military spouses is now being requested for Basic Allowance for Quarters (BAQ) entitlement which must be included on your Military Pay Order which is forwarded to your respective financial center.

SECTION A-APPLICANT IDENTIFICATION & FAMILY DATA

Item 4. DoD Component - Army, Navy, Air Force, etc.

Item 5. Address - Enter complete current address (street number and name, apartment number, city, state/country and the nine-digit zip code).

(Items 8 & 9 are used in Equal Opportunity Off-Base Housing Program.)

Race - Enter the appropriate number.

1 - American Indian or Alaskan Native

2 - Asian or Pacific Islander

3 - Black 4 - White 5 - Other (specify)

Ethnicity - Enter the appropriate number. Item 9.

- Hispanic Origin

2 - Not of Hispanic Origin

tem 12. <u>Career Information (Military Applicants/Military Spouse Only)</u>
– Enter dates in order of YYMMDD. (September 25, 1985 would be entered as 850925)

- a. Enter the date your current rate / rank was effective.
- b. Enter your active duty service computation date
- c. Enter the time (In months) which you have remaining on active duty.
- d. Enter your estimated rotation date from the installation to which you are applying.
- e. Enter your official report date (from your PCS orders).
- f. Enter your estimated arrival date.
- For applicants assigned overseas, enter the date you departed from CONÚS
- h. Enter the effective date you were dropped from accountability at your previous duty station and gained on the rolls at your new duty station for record purposes. For overseas assignment, enter your date of departure from CONUS.

Rem 13. Installation / Organization Transferred From — Enter the name of the installation you transferred from.

Item 14. Installation / Organization Transferred To –
Enter the name of the installation to which you are applying for housing. Include the name of the Organization / Department you will be assigned to.

item 17. Dependents Residing with Me -

- through e. List requested data for all authorized dependents who will be residing with you.
- Enter the effective date which those dependents listed were authorized to become your legal dependents (DD Form 137).
- Provide the Housing Office with Information regarding any handicapped dependent or special family health problems which might influence your preference for a particular type of housing (i.e., single level vs. two story, ramps for wheelchairs, expected additions to family, etc.).

SECTION B - HOUSING DATA

Rem 18. Type Service Required -

Military Applicants - If temporary community housing is desired while awaiting military housing, mark both boxes in item 18, and answer all questions.

Civilian Applicants - Mark the box "Housing Referral Services" In Item 18b, and answer all questions.

Item 20. Location — Enter the location you would like to reside (i.e., XYZ APTS., ANYTOWN, USA).

Rem 25. Signature - The applicant must sign the DD Form 1746. **Item 26.** Date Submitted - Enter the date the application was submitted to the Housing Office

SECTION C - DISPOSITION

(To be completed by the Housing Office)

tem 27. Military Housing -

Application Received – Enter the year, month, day and h
the application was received in the Housing Office

- b. Application Effective Enter the date of change of duty station (Line 12h) if the application is received within five (5) days of this date. Otherwise, the date the application is received in the Housing Office will be the effective (control) date.
- c. DD Form 1747 Enter the date that the DD Form 1747 was sent to the military applicant.
- d. Housing Availability Enter the item letter for the applicable box(es) marked under item 4 of the DD Form 1747 returned to the applicant.
- e. Waiting List Enter the identification of the assignment waiting list(s) to which the applicant is assigned,
- Effective Placement The effective date and time of the applicant's placement on the list(s).
- Bedrooms Requirement. Enter the number of bedrooms required, based on dependent data in Item 17 and bedroom requirement criteria in DoD Instruction 4165 44.
- h. Date Assigned Enter the date the unit was assigned.
- Housing Unit Assigned Enter the address of the housing unit assigned.

- Rem 28. Community Housing —

 a. Applicant NOT placed on a Waiting List mark the appropriate box(es) as to the reason why the applicant was not placed on a Warting List.
- b. Enter the address of the housing leased or purchased by the applicant.
- c. If the housing location described in Item 28b is unacceptable, check the appropriate box(es).
- Describe the process used to verify the unacceptability of the housing described in item 28c (e.g. how verified (on site inspection), date, verifier's name and title, etc.)

SECTION D - HOUSING REFERRAL CERTIFICATE

On this date I have received a listing of the existing housing restrictions approved by the Department of Defense, and I will not reside in any property on the DoD restricted list. I have been briefed on (1) the services provided by the Housing Office and (2) the DoD program on equal opportunity for military personnel in off-base housing. I understand I am required to complete and return DO Form 1670 "Notification of Housing Selection," when housing has been obtained.

In addition, if any facility refuses to rent or sell to me or I have reason to believe I am being discriminated against, I will prov notify the Housing Office.

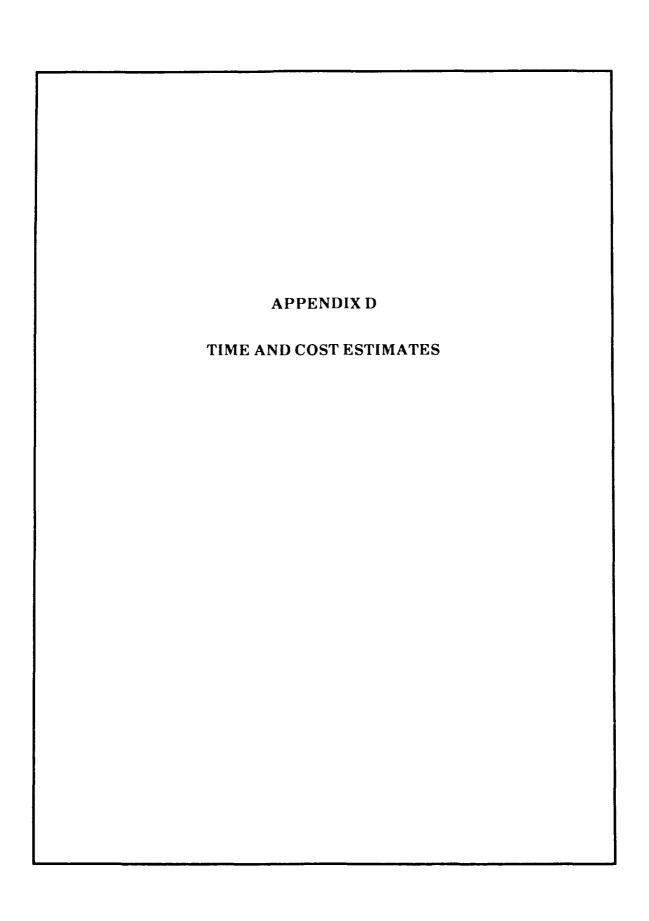
29. SIGNATURE OF APPLICANT

30. DATE SIGNE

DO Form 1746 Reverse, APR 86

NOTIFICATION OF HO	OUSING SELECTION NOTE	Complete and retuing Referral C	rn to Off-Base Office NLT:	
Housing Referral Office on t USES: Information reported the off-base housing situation housed individuals to higher	IT: AUTHORITY: 10 USC 13 he results of a military individud will be used to ascertain if the form of potential future listings, a headquarters, as required. DISC to of the Housing Referral Office	al's efforts to obtain l individual has found nd to report referral a CLOSURE: Voluntar	housing in the con satisfactory housi accomplishments by. However, non-	nmunity. ROUTINE ng. as an indicator of and status of un- disclosure of informa
NAME (Print or type last, fir	st, miadle initial)		GRADE	DATE
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TIME AND COST ESTIMATES

The value to DoD of the suggested alternatives to the current process for collecting housing data can be expressed in two ways: in terms of time lost or in the cost of executing the process. In many ways, time and cost considerations overlap; however, time lost is an important factor because it is a distraction to force readiness that cannot be overcome with additional spending.

ASSUMPTIONS

The LMI time and cost model is necessarily limited. The intricacies of portraying step-by-step costs of manual and automated systems operating in parallel in several modes across four Services would be a major undertaking beyond the scope of this study. Our objective is not to provide detailed cost estimates but reasonable cost comparisons. To do this, we have adopted a parametric approach.

The effectiveness of such an approach depends on the assumptions used and the basic data entered into the model. Our assumptions are provided in Table D-1. Again, our objective is to provide a relative assessment of costs. As will be seen shortly, each proposed alternative reduces the manpower requirements. To ensure a fair comparison, we have been quite conservative in our assumptions of labor costs and processing times. In particular, we have made conservative estimates of Service member (SM) wait times, we have charged only 5 minutes travel time to or from the appropriate offices, and we have used only direct salary figures (overhead rates often add 50 percent to those figures).

We used the FY89 number for all SMs drawing basic allowance for quarters (BAQ) in CONUS, since all are currently part of the survey processes. If we had entered SMs drawing BAQ while overseas, the savings projected for the new alternatives would have been somewhat higher; however, with the special information needs of the overseas housing allowance (OHA) process, it was not clear to us that the consolidation would include OHA and we decided to omit those additional savings.

TABLE D-1
ASSUMPTIONS

	T
Number of SMs drawing allowances	1,028,029a
Average salary of SM	\$18,000
Average salary of chain-of-command	\$20,400
Average salary of staff representatives	\$18,000
Cost of VHA survey processing	\$250,000
Overhead per client interaction	
Contracts	40%
Personnel	200%
Finance	80%
Housing	120%
Frequency of event per SM per year	
BAQ certification	0.4
VHA start	0.35
VHA certification	1
VHA surveys	1
Housing survey	0.2
Cost to produce form	\$0.009
Cost to microfiche form	\$0.041
Cost to ship form	\$0.003
Total	\$0.053
Calculated: salaries per minute	
SM	\$0.1563
Chain of command	\$0.1771
Staff representatives	\$0.1563

Note: VHA = variable housing allowance.

^a SMs drawing BAQ in CONUS, FY89 (Source: OSD – Compensation) Of those, 814,379 draw BAQ with dependents

We chose the average salary of an SM as E-7 with 12 years' service, drawing BAQ, with a variable housing allowance (VHA) of \$100 per month. The average salary of the chain of command was for an O-2 with 3 years' Service, BAQ, and \$100 in VHA. [This represents a chain composed of senior noncommissioned officers (NCOs), company- and field-grade officers.] The average salary of the various Personnel, Finance, and Housing Office staff representatives was set at the same level as the SM population. The cost of the VHA survey processing is based on the most recent contract awarded by the Office of the Secretary of Defense Per Diem and Travel Allowances Committee — referred to as the Per Diem Committee.

The burden estimate, and eventually the cost estimate, depend largely on the time assumed to process each transaction. While the participation of the SM and the chain of command are relatively easy to portray, the complex processes that occur after the initial customer interface has concluded are more complicated. We have shown this as a time-overhead rate that represents the work element of processing and filing the forms once the SM has completed them properly and left the field office.

In general, finance transaction forms are completed at the point of interview, keyed into a local terminal, and transmitted in batch mode to the Service Finance and Accounting Center (FAC). They require little intervention, aside from periodic quality control audits. We have assigned an 80 percent overhead rate to account for limited supervision and the cost of maintaining the central system.

Housing transactions differ widely for each Service. In some cases, they are entered into a computer during the initial interview; in others, there is no significant automation. Even where automation exists, the BAQ forms are reviewed and transmitted to Finance. A certain amount of overhead is required to account for the forms and to monitor their quality. In addition, because housing data are not centrally linked to other echelons of command (except in the Army), there is a significant overhead for research to respond to queries and to print reports. We have assigned a 120 percent overhead rate to account for this. We have assumed that both the housing survey data analysis process and the Army's Segmented Housing Market Analysis (SHMA) will continue to be required. In fact, this assumption is open to review; further savings would accrue if either process could be eliminated.

Personnel transactions are a small part of the overall activities reviewed for this study, and housing allowance data are only a small part of the wide range of data collected by personnel activities. However, in all Services, personnel functions are labor intensive, with centralized mainframe computers usually fed by batch or manual input. Thus, the SM usually provides the information to a local office that records it on paper; then the data go through several levels of conversion before becoming part of the master database. As a result, the actual time taken with the SM is limited, but a significant amount of activity occurs after the transaction. We have assigned a 200 percent overhead to personnel activities.

Based on the approaches announced for FY91, we have assumed that (in the absence of a consolidation) VHA certifications and the Per Diem Committee surveys will be performed annually for all affected SMs. The housing surveys will continue to be performed as a census at many bases, as a survey at designated bases, and not at all at many bases (including the entire Army). We have therefore assumed that only 20 percent of SMs who draw BAQ will be required to complete the housing survey. Although that survey historically has a low response rate, we regard that to be a command issue and believe that the effort to account for the surveys that were not completed is at least as great as the effort to process the surveys that had been completed. Since military families relocate every 3 to 4 years as standard tours end, and some relocate more frequently for schools and other assignments, we have assumed that the allowance start procedure will be initiated for 35 percent of the BAQ-drawing SMs each year. BAQ certification will be required for those same SMs. Also, some will experience a change in family status during their tours of duty. For these reasons, we have selected the slightly higher rate of 40 percent for the BAQ certification process.

In the remainder of this appendix, we recapitulate the major processes to estimate the time required for each participant to complete each step.

TIME ASSUMPTIONS

In our estimates of the time consumed and costs of the alternative systems, we have allocated a component to the SM and the chain of command which, it turns out, dominates the analysis. Some have said that these resources are "sunk costs": these salaries are already paid for and should not be considered again. We considered these resources to be "opportunity costs"; that is, the resources could be employed more productively in training or other useful tasks. Time spent filling out redundant forms contributes very little to the national defence.

Current System

The baseline for our assessment is the current system. We assume that any personal (that is, face to face) transaction would require at least 2 minutes of a clerk's time. Relatively automated tasks, such as printing lists of SMs by the Personnel Office, are assumed to consume an average of 1 minute per SM in planning, coordination, computer time, and other execution tasks. Table D-2 shows our assessment of the time demands of the current system.

TABLE D-2

ESTIMATE OF TIME - CURRENT SYSTEM

Parallel processing

(Minutes per transaction)

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total burden ^a (man-hours)
Personnel Office	10		1	1	١	106,230
Finance Office	15	5	10	_	_	304,125
Housing Office	2	8	-	-	12	102,803
Sunk costs						
Chain of command	6	2	2	10	7	282,708
Service member	84	30	56	45	25	2,571,786
Total burden ^a (man-hours)	801,863	269,858	1,182,233	959,494	154,204	3,367,652
Forms	1	2	1	1	1	_

^d Based on 1,028,029 SMs drawing BAQ

BAQ Certification

In order to certify BAQ eligibility, the SM must locate and duplicate copies of required legal documents (20 minutes). After the SM receives an appointment through the chain of command (2 minutes each), the SM takes those documents to the Personnel Office (10 minutes' round trip) for verification (10 minutes each, after the SM waits for 10 minutes). The SM then repeats the process through the Finance Office, which must also substantiate the dependent information. In addition, the

Finance Office must post those data to the SM's automated and manual local record (5 minutes). The Housing Office reviews all records to ensure housing eligibility, but that time is charged to the allowance start process. The chain of command and Housing Office periodically verify BAQ eligibility (2 minutes each). Although BAQ status is recorded on the VHA forms, each Service uses a separate personnel form as the reference for BAQ eligibility transactions. We have not included the time to complete the multitude of dependency determination forms that are appendices to the BAQ eligibility form itself.

In order to limit the size and repetitiveness of the report, we have not displayed the details of the time and cost calculations for every circumstance. However, to demonstrate how the model works, we will explain the first column of Table D-2.

Personnel Office: 10 minutes interaction with the SM. Obviously, the Personnel Office loses no time while the SM is waiting in line. We have not assessed the time required to set the appointment time through the chain of command.

Housing Office: 2 minutes to verify BAQ eligibility – 1 minute, as noted earlier for automated process, to produce and distribute the automated listings; 1 minute for the review and disposition.

Finance Office: 10 minutes dealing with the SM while in the office, 5 minutes posting the data to the files and computer systems. Again, no charge is assessed for setting the appointment.

Chain of command: 6 minutes for two appointments (one with Personnel, one with Finance) and one review of the Housing-generated BAQ eligibility listing.

Service member:

Form preparation = 20 minutes Personnel appointment 2 minutes Travel to/from Personnel = 10 minutes Wait at Personnel = 10 minutes Processing at Personnel = 10 minutes Finance appointment 2 minutes Travel to/from Finance = 10 minutes Wait at Finance = 10 minutes Processing at Finance = 10 minutes Total = 84 minutes

WITHOUT DEPENDENT VHA WITH	DEPENDENT VHA	UPPORTS THE INFORMATION ON THIS UPPORTS THE MEMBER'S CLAIM TO VI	
TITLE OF CERTIFYING OFFICIAL	SIGNATURE	 OFFICE ADDRESS	DATE

AF Form

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Other columns and other tables are developed in the same way.

VHA Starting

The SM obtains an appointment at the Housing Office (2 minutes), and travels there (10 minutes' round trip and 10 minutes waiting). The SM has the necessary information processed (we assign 8 minutes of an average 45-minute period to the information specifically needed to process the allowance form). Although in some cases the SM is required to return to his unit to get the proper forms, then go to Finance, we ignore this cost because in some Services, forms are forwarded directly from Housing to Finance. At the Finance Office, the forms are reviewed and filed in the local record, and necessary transactions are initiated on the computer (5 minutes). We ignore the demands on Finance and the chain of command when newly arrived SMs fail to return to Finance within 60 days to update their VHA data. Two forms are completed in this process: the Housing Application form and the Service VHA form.

VHA Certification

The Personnel and Finance Offices develop a roster of personnel that must be certified (1 minute each). The chain of command notifies the SM and assigns appointments (2 minutes each). The SM collects and duplicates the required documentation (25 minutes), travels to Finance (10 minutes, plus 10 minutes waiting). The documentation is reviewed and processed at Finance (10 minutes). Each Service uses its own form for this purpose.

VHA Surveys

The chain of command [this includes the Per Diem Committee and the Defense Manpower Data Center (DMDC)] develops a list of personnel to be surveyed. The chain of command then makes arrangements for the survey to be made. Including the requirement for commander participation in the 1 percent sample, an estimate of 10 minutes per SM is conservative. The SM collects the required data (15 minutes, no duplication required) and completes the survey (30 minutes, including administrative overhead time). All Services use the same unique form for this survey.

Housing Survey

The Housing and Personnel Offices determine who will be surveyed (1 minute each). Instructions are produced and relayed through the chain of command, which administers the survey (4 minutes). The SM collects the necessary data (15 minutes) and completes the survey (10 minutes, including overhead time). The Housing Office reviews the results and conducts acceptability override inspections. These inspections, while few in number, take considerable time. A conservative average of 11 minutes per SM is assigned to the Housing Office participation. The surveys are then passed back through the chain to the Navy's Facilities Support Office (FACSO) at Port Hueneme, CA, for data input, processing, review, and reporting (3 minutes, charged to the chain of command rather than the housing function overhead). One form, DD 1376, Housing Survey, is used for this purpose.

Single System Alternative

The primary benefit of the single system is that it requires the housing data to be provided to one agency. Rather than requiring the SM to move from office to office at a significant loss of time, the data can be transferred instead. We assume for the purposes of this estimate that the data are entered into the Joint Uniform Military Pay System (JUMPS). Table D-3 shows our estimate of the time demands imposed by the single system alternative.

BAQ Certification

As it is done today, the SM obtains the necessary data and appointments. The dependency claims must be substantiated through Finance as before, but the data are transferred to personnel files electronically. This eliminates SM trips to Housing and Finance. However, since the data will be provided annually as part of the recertification processes, all BAQ data collection after initial inprocessing is assessed as part of the annual recertification by increasing the time to process one recertification case, and reducing the time required for periodic BAQ certification.

VHA Starting

This process is essentially unaltered. However, the Housing office would not be required to collect any information, simply to annotate the SM's file or form with an

TABLE D-3

ESTIMATE OF TIME - SINGLE SYSTEM

Finance based

(Minutes per transaction)

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total burdena (man-hours)
Personnel Office	1	-	-	-	-	6,854
Finance Office	1	5	25	1	1	485,744
Housing Office	1	2	-	_	1	22,274
Chain of command	-	2	2	-	-	46,261
Service member	-	30	78		1	1,519,770
Total burden ^a (man-hours)	20,561	233,877	1,799,051	17,134	10,280	2,080,902
Forms	0	0	1b	0	0	-

a Based on 1,028,029 SMs drawing BAQ

assigned quarters number or a non-availability statement (2 minutes). A single, all-purpose form would be used.

VHA Certification

The process is basically the same as today, except that BAQ and housing data must be provided in addition to VHA data. This means that the SM incurs an additional 10 minutes to collect additional documents and the processing time is increased by 10 minutes to account for both forms of new data. This is the time offset to the time saved in the BAQ process discussed above. However, there is no requirement for data transfer between staff agencies. An all-purpose form would be used.

VHA and Housing Surveys

The survey process would essentially be eliminated because all affected SMs would provide the necessary information annually for their recertifications. There is a small data collection activity required for the Housing Offices to support Per Diem

b The form is a local worksheet form with no shipping and storage

Committee calculations, especially the Move-In Housing Allowance (MIHA). That assessment is shown under the Housing Survey column because most SM's are not involved in the MIHA data collection process. The OSD cost of processing the information, however, remains essentially unchanged once the data are provided from JUMPS to using activities; that cost, therefore, has been ignored in this entire analysis.

Single Form Alternative

The single form parallel system has many of the advantages of the single-system approach. However, it demands more time from the SM. Table D-4 shows our estimate of the time demands for the single form alternative. We assume in this tabulation that nonpay data will be forwarded to the installation Housing and Personnel Offices for necessary action prior to being sent to the designated data processing agency.

TABLE D-4

ESTIMATE OF TIME - SINGLE FORM

Parallel system

(Minutes per transaction)

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total burdena (man-hours)
Personnel Office	5	_	2	_	-	68,535
Finance Office	1	5	25	1	_	462,317
Housing Office	1	2	-	-	1	22,274
Chain of command	-	2	2	-	-	46,261
Service member	-	30	78	-	1	1,519,770
Total burdena (man-hours)	47,975	233,877	1,833,318	17,134	6,854	2,139,157
Forms	0	0	1	0	0	-

^d Based on 1,028,029 SMs drawing BAQ.

BAQ Certification

For this alternative, BAQ certification again becomes an integral component of the annual VHA certification process. In this case, however, with separate data systems, the Personnel Office would have to process dependent data manually (5 minutes) once the form has been received from the Finance Office (1 minute).

VHA Starting

This process is the same as with the single Finance-based system since all documentation would be presented at Finance.

VHA Certification

This process is the heart of both alternative approaches. In essence, the certification process is identical to the single system certification: the SM brings in all information to the Finance Office to be verified. In the single form process, however, the non-JUMPS data are physically forwarded to the data input center instead of being electronically transferred.

VHA and Housing Surveys

The data processing center receives data forms from the Finance Office (1 minute) as part of the annual allowance certification process. In this system, there is no capability for override inspections. Because the non-Finance data is processed by a separate activity, this alternative appears to be far less expensive in terms of time burdens on the SM and the installation staff agencies than the single-system alternative. However, this alternative does require the participation of a data input center, which is not required in the single-system alternative.

COSTS

The conversion of time demands into costs is simple. Based on the salaries assumed in Table D-1, a rate per minute of time is determined. The appropriate overhead time is assessed by office type, and a factor is applied to adjust for the frequency of occurrence of the process. The generic formula is:

Cost = Minutes per SM

× number of allowance-drawing SMs

× probability of process occurring during a year

 \times cost per minute of time \times (1 + office overhead rate, if any).

In addition, the number of forms employed is converted into a cost by assessing the cost to produce and ship the forms, then to prepare them for mass storage. Finally, there is a cost of administering the current VHA survey; that is presently a contract item, although essentially the same cost would be incurred if done in-house. That cost would be replicated in the single-form alternative, because of the need for a data entry center; it is not incurred in the single-system alternative.

The comparative costs of the three alternatives are presented in Tables D-5, D-6, and D-7.

TABLE D-5

ESTIMATE OF ANNUAL COST — CURRENT SYSTEM

Parallel processing

(\$000)^a

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total
Personnel Office	1,606	0	402	402	80	2,490
Finance Office	771	225	1,285	0	0	2,281
Housing Office	154	540	0	0	463	1,157
Chain of command	386	112	321	1,956	225	3,000
Service member	5,397	1,687	8,995	7,228	803	24,110
Forms	24	48	24	24	24	146
Data input	0	0	0	0	0	250
Total	8,338	2,612	11,027	9,610	1,595	33,434

Note: Numbers may not equal totals because of rounding

a Based on 1,028,029 SMs drawing BAQ

TABLE D-6
ESTIMATE OF ANNUAL COST — SINGLE SYSTEM
Finance based
(\$000)^a

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total
Personnel Office	161	0	0	0	0	161
Finance Office	51	225	3,213	129	26	3,643
Housing Office	77	135	0	0	39	251
Chain of command	0	112	321	0	0	434
Service member	0	1 687	12,529	0	32	14,248
Forms	0	o	126	0	0	12
Data input	0	0	0	0	0	0
Total	289	2,159	16,075	129	96	18,749

Note: Numbers do not equal totals in some cases because of rounding

TABLE D-7
ESTIMATE OF ANNUAL COST — SINGLE FORM
Parallel systems
(\$000)^a

	BAQ certifica- tion	VHA starting	VHA certifica- tion	VHA surveys	Housing survey	Total
Personnel Office	803	0	803	0	0	1,606
Finance Office	51	225	3,213	129	0	3,617
Housing Office	77	135	0	О	39	251
Chain of command	0	112	321	o	0	434
Service member	0	1,687	12,529	0	32	14,248
Forms	0	0	24	0	0	24
Data input	0	0	0	0	0	250
Total	931	2,154	16,890	129	71	20.430

Note: Numbers do not equal totals in some cases because of rounding

^a Based on 1.028.029 5Ms drawing BAQ

b This form is a local worksheet with no shipping and storage

^a Based on 1,028,029 SMs drawing BAQ

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